



Identify the Y intercept for each table.

1)

| X  | Y  |
|----|----|
| -7 | 7  |
| -2 | 2  |
| -1 | 1  |
| 5  | -5 |
| 7  | -7 |

2)

| X  | Y    |
|----|------|
| -7 | 1029 |
| -4 | 336  |
| -2 | 84   |
| 1  | 21   |
| 5  | 525  |

3)

| X  | Y  |
|----|----|
| -3 | -9 |
| 2  | 6  |
| 5  | 15 |
| 8  | 24 |
| 10 | 30 |

4)

| X   | Y   |
|-----|-----|
| -10 | -12 |
| -7  | -9  |
| -6  | -8  |
| 3   | 1   |
| 4   | 2   |

5)

| X  | Y  |
|----|----|
| 1  | -2 |
| 5  | 2  |
| 7  | 4  |
| 8  | 5  |
| 10 | 7  |

6)

| X   | Y    |
|-----|------|
| -10 | -110 |
| -8  | -88  |
| -2  | -22  |
| 1   | 11   |
| 8   | 88   |

7)

| X  | Y   |
|----|-----|
| -5 | -25 |
| -1 | -9  |
| 4  | 11  |
| 6  | 19  |
| 8  | 27  |

8)

| X   | Y   |
|-----|-----|
| -10 | -32 |
| -9  | -28 |
| -4  | -8  |
| 7   | 36  |
| 9   | 44  |

9)

| X  | Y   |
|----|-----|
| -8 | -40 |
| -6 | -30 |
| -2 | -10 |
| 4  | 20  |
| 7  | 35  |

10)

| X  | Y  |
|----|----|
| -1 | -9 |
| 1  | 5  |
| 5  | 33 |
| 8  | 54 |
| 10 | 68 |

11)

| X  | Y  |
|----|----|
| -8 | -1 |
| -6 | 1  |
| -5 | 2  |
| -3 | 4  |
| 9  | 16 |

12)

| X   | Y   |
|-----|-----|
| -10 | 30  |
| -9  | 27  |
| -2  | 6   |
| -1  | 3   |
| 10  | -30 |

Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_



Identify the Y intercept for each table.

1) 

| X  | Y  |
|----|----|
| -7 | 7  |
| -2 | 2  |
| -1 | 1  |
| 5  | -5 |
| 7  | -7 |

$$Y = -X$$

2) 

| X  | Y    |
|----|------|
| -7 | 1029 |
| -4 | 336  |
| -2 | 84   |
| 1  | 21   |
| 5  | 525  |

$$Y = 7 \times X \times (X \times 3)$$

3) 

| X  | Y  |
|----|----|
| -3 | -9 |
| 2  | 6  |
| 5  | 15 |
| 8  | 24 |
| 10 | 30 |

$$Y = X \times 3$$

4) 

| X   | Y   |
|-----|-----|
| -10 | -12 |
| -7  | -9  |
| -6  | -8  |
| 3   | 1   |
| 4   | 2   |

$$Y = X - 2$$

5) 

| X  | Y  |
|----|----|
| 1  | -2 |
| 5  | 2  |
| 7  | 4  |
| 8  | 5  |
| 10 | 7  |

$$Y = X + (3 \times -1)$$

6) 

| X   | Y    |
|-----|------|
| -10 | -110 |
| -8  | -88  |
| -2  | -22  |
| 1   | 11   |
| 8   | 88   |

$$Y = 4 \times X + (X \times 7)$$

7) 

| X  | Y   |
|----|-----|
| -5 | -25 |
| -1 | -9  |
| 4  | 11  |
| 6  | 19  |
| 8  | 27  |

$$Y = 4 \times X - 5$$

8) 

| X   | Y   |
|-----|-----|
| -10 | -32 |
| -9  | -28 |
| -4  | -8  |
| 7   | 36  |
| 9   | 44  |

$$Y = 4 \times X + 8$$

9) 

| X  | Y   |
|----|-----|
| -8 | -40 |
| -6 | -30 |
| -2 | -10 |
| 4  | 20  |
| 7  | 35  |

$$Y = 5 \times X$$

10) 

| X  | Y  |
|----|----|
| -1 | -9 |
| 1  | 5  |
| 5  | 33 |
| 8  | 54 |
| 10 | 68 |

$$Y = 8 \times X - (X + 2)$$

11) 

| X  | Y  |
|----|----|
| -8 | -1 |
| -6 | 1  |
| -5 | 2  |
| -3 | 4  |
| 9  | 16 |

$$Y = X - (7 \times -1)$$

12) 

| X   | Y   |
|-----|-----|
| -10 | 30  |
| -9  | 27  |
| -2  | 6   |
| -1  | 3   |
| 10  | -30 |

$$Y = 6 \times X - (X \times 9)$$

Answers

1. **0**
2. **0**
3. **0**
4. **-2**
5. **-3**
6. **0**
7. **-5**
8. **8**
9. **0**
10. **-2**
11. **7**
12. **0**



Identify the Y intercept for each table.

Answers

|    |   |   |    |
|----|---|---|----|
| -3 | 0 | 8 | -2 |
| 0  | 0 | 0 | -5 |
| 0  |   |   |    |

1)

| X  | Y  |
|----|----|
| -7 | 7  |
| -2 | 2  |
| -1 | 1  |
| 5  | -5 |
| 7  | -7 |

$$Y = -X$$

2)

| X  | Y    |
|----|------|
| -7 | 1029 |
| -4 | 336  |
| -2 | 84   |
| 1  | 21   |
| 5  | 525  |

$$Y = 7 \times X \times (X \times 3)$$

3)

| X  | Y  |
|----|----|
| -3 | -9 |
| 2  | 6  |
| 5  | 15 |
| 8  | 24 |
| 10 | 30 |

$$Y = X \times 3$$

4)

| X   | Y   |
|-----|-----|
| -10 | -12 |
| -7  | -9  |
| -6  | -8  |
| 3   | 1   |
| 4   | 2   |

$$Y = X - 2$$

5)

| X  | Y  |
|----|----|
| 1  | -2 |
| 5  | 2  |
| 7  | 4  |
| 8  | 5  |
| 10 | 7  |

$$Y = X + (3 \times -1)$$

6)

| X   | Y    |
|-----|------|
| -10 | -110 |
| -8  | -88  |
| -2  | -22  |
| 1   | 11   |
| 8   | 88   |

$$Y = 4 \times X + (X \times 7)$$

7)

| X  | Y   |
|----|-----|
| -5 | -25 |
| -1 | -9  |
| 4  | 11  |
| 6  | 19  |
| 8  | 27  |

$$Y = 4 \times X - 5$$

8)

| X   | Y   |
|-----|-----|
| -10 | -32 |
| -9  | -28 |
| -4  | -8  |
| 7   | 36  |
| 9   | 44  |

$$Y = 4 \times X + 8$$

9)

| X  | Y   |
|----|-----|
| -8 | -40 |
| -6 | -30 |
| -2 | -10 |
| 4  | 20  |
| 7  | 35  |

$$Y = 5 \times X$$

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_



Identify the Y intercept for each table.

1) 

| X   | Y |
|-----|---|
| -10 | 0 |
| -8  | 0 |
| -4  | 0 |
| -2  | 0 |
| 5   | 0 |

2) 

| X  | Y   |
|----|-----|
| -9 | -42 |
| -7 | -32 |
| -5 | -22 |
| 3  | 18  |
| 6  | 33  |

3) 

| X  | Y   |
|----|-----|
| -9 | -16 |
| -6 | -10 |
| -3 | -4  |
| 9  | 20  |
| 10 | 22  |

4) 

| X  | Y   |
|----|-----|
| -8 | -11 |
| -6 | -9  |
| -2 | -5  |
| 6  | 3   |
| 7  | 4   |

5) 

| X   | Y   |
|-----|-----|
| -10 | -19 |
| -8  | -17 |
| -6  | -15 |
| -3  | -12 |
| 2   | -7  |

6) 

| X  | Y    |
|----|------|
| -8 | -224 |
| -4 | -112 |
| 1  | 28   |
| 3  | 84   |
| 4  | 112  |

7) 

| X  | Y   |
|----|-----|
| -3 | -27 |
| 3  | 27  |
| 4  | 36  |
| 8  | 72  |
| 9  | 81  |

8) 

| X   | Y  |
|-----|----|
| -10 | -2 |
| -2  | 6  |
| 3   | 11 |
| 4   | 12 |
| 8   | 16 |

9) 

| X  | Y   |
|----|-----|
| -7 | 7   |
| -4 | 4   |
| 2  | -2  |
| 5  | -5  |
| 10 | -10 |

10) 

| X  | Y   |
|----|-----|
| -7 | -63 |
| -5 | -45 |
| -2 | -18 |
| 6  | 54  |
| 9  | 81  |

11) 

| X   | Y    |
|-----|------|
| -10 | -110 |
| -9  | -99  |
| -6  | -66  |
| -4  | -44  |
| -1  | -11  |

12) 

| X  | Y   |
|----|-----|
| -8 | -37 |
| -7 | -33 |
| -5 | -25 |
| -1 | -9  |
| 2  | 3   |

Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_



Identify the Y intercept for each table.

1) 

| X   | Y |
|-----|---|
| -10 | 0 |
| -8  | 0 |
| -4  | 0 |
| -2  | 0 |
| 5   | 0 |

$$Y = 7 \times X - (X \times 7)$$

2) 

| X  | Y   |
|----|-----|
| -9 | -42 |
| -7 | -32 |
| -5 | -22 |
| 3  | 18  |
| 6  | 33  |

$$Y = 6 \times X - (X - 3)$$

3) 

| X  | Y   |
|----|-----|
| -9 | -16 |
| -6 | -10 |
| -3 | -4  |
| 9  | 20  |
| 10 | 22  |

$$Y = 2 \times X + 2$$

4) 

| X  | Y   |
|----|-----|
| -8 | -11 |
| -6 | -9  |
| -2 | -5  |
| 6  | 3   |
| 7  | 4   |

$$Y = X - 3$$

5) 

| X   | Y   |
|-----|-----|
| -10 | -19 |
| -8  | -17 |
| -6  | -15 |
| -3  | -12 |
| 2   | -7  |

$$Y = X + (9 \times -1)$$

6) 

| X  | Y    |
|----|------|
| -8 | -224 |
| -4 | -112 |
| 1  | 28   |
| 3  | 84   |
| 4  | 112  |

$$Y = 4 \times X \times 7$$

7) 

| X  | Y   |
|----|-----|
| -3 | -27 |
| 3  | 27  |
| 4  | 36  |
| 8  | 72  |
| 9  | 81  |

$$Y = 9 \times X$$

8) 

| X   | Y  |
|-----|----|
| -10 | -2 |
| -2  | 6  |
| 3   | 11 |
| 4   | 12 |
| 8   | 16 |

$$Y = X + 8$$

9) 

| X  | Y   |
|----|-----|
| -7 | 7   |
| -4 | 4   |
| 2  | -2  |
| 5  | -5  |
| 10 | -10 |

$$Y = -X$$

10) 

| X  | Y   |
|----|-----|
| -7 | -63 |
| -5 | -45 |
| -2 | -18 |
| 6  | 54  |
| 9  | 81  |

$$Y = 8 \times X - (X \times -1)$$

11) 

| X   | Y    |
|-----|------|
| -10 | -110 |
| -9  | -99  |
| -6  | -66  |
| -4  | -44  |
| -1  | -11  |

$$Y = 2 \times X + (X \times 9)$$

12) 

| X  | Y   |
|----|-----|
| -8 | -37 |
| -7 | -33 |
| -5 | -25 |
| -1 | -9  |
| 2  | 3   |

$$Y = 3 \times X + (X - 5)$$

Answers

1. 0
2. 3
3. 2
4. -3
5. -9
6. 0
7. 0
8. 8
9. 0
10. 0
11. 0
12. -5



Identify the Y intercept for each table.

Answers

|   |   |    |    |
|---|---|----|----|
| 0 | 0 | -9 | -3 |
| 3 | 0 | 0  | 2  |
| 8 |   |    |    |

1)

| X   | Y |
|-----|---|
| -10 | 0 |
| -8  | 0 |
| -4  | 0 |
| -2  | 0 |
| 5   | 0 |

$$Y=7 \times X - (X \times 7)$$

2)

| X  | Y   |
|----|-----|
| -9 | -42 |
| -7 | -32 |
| -5 | -22 |
| 3  | 18  |
| 6  | 33  |

$$Y=6 \times X - (X-3)$$

3)

| X  | Y   |
|----|-----|
| -9 | -16 |
| -6 | -10 |
| -3 | -4  |
| 9  | 20  |
| 10 | 22  |

$$Y=2 \times X + 2$$

4)

| X  | Y   |
|----|-----|
| -8 | -11 |
| -6 | -9  |
| -2 | -5  |
| 6  | 3   |
| 7  | 4   |

$$Y=X-3$$

5)

| X   | Y   |
|-----|-----|
| -10 | -19 |
| -8  | -17 |
| -6  | -15 |
| -3  | -12 |
| 2   | -7  |

$$Y=X+(9 \times -1)$$

6)

| X  | Y    |
|----|------|
| -8 | -224 |
| -4 | -112 |
| 1  | 28   |
| 3  | 84   |
| 4  | 112  |

$$Y=4 \times X \times 7$$

7)

| X  | Y   |
|----|-----|
| -3 | -27 |
| 3  | 27  |
| 4  | 36  |
| 8  | 72  |
| 9  | 81  |

$$Y=9 \times X$$

8)

| X   | Y  |
|-----|----|
| -10 | -2 |
| -2  | 6  |
| 3   | 11 |
| 4   | 12 |
| 8   | 16 |

$$Y=X+8$$

9)

| X  | Y   |
|----|-----|
| -7 | 7   |
| -4 | 4   |
| 2  | -2  |
| 5  | -5  |
| 10 | -10 |

$$Y=-X$$

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_



Identify the Y intercept for each table.

Answers1) 

| X   | Y   |
|-----|-----|
| -10 | -26 |
| -5  | -16 |
| -3  | -12 |
| -1  | -8  |
| 4   | 2   |

2) 

| X  | Y    |
|----|------|
| -6 | -180 |
| 2  | 60   |
| 3  | 90   |
| 8  | 240  |
| 9  | 270  |

3) 

| X  | Y   |
|----|-----|
| -8 | -40 |
| -7 | -35 |
| -5 | -25 |
| 7  | 35  |
| 10 | 50  |

4) 

| X  | Y  |
|----|----|
| -4 | -9 |
| 2  | -3 |
| 5  | 0  |
| 8  | 3  |
| 10 | 5  |

5) 

| X  | Y  |
|----|----|
| -2 | -4 |
| 5  | 10 |
| 6  | 12 |
| 7  | 14 |
| 8  | 16 |

6) 

| X  | Y  |
|----|----|
| -5 | 5  |
| 3  | -3 |
| 6  | -6 |
| 8  | -8 |
| 9  | -9 |

7) 

| X  | Y |
|----|---|
| -8 | 0 |
| -4 | 0 |
| -1 | 0 |
| 2  | 0 |
| 8  | 0 |

8) 

| X  | Y   |
|----|-----|
| -9 | -15 |
| -6 | -12 |
| -5 | -11 |
| 2  | -4  |
| 4  | -2  |

9) 

| X  | Y   |
|----|-----|
| -8 | -80 |
| -6 | -62 |
| -4 | -44 |
| -1 | -17 |
| 5  | 37  |

10) 

| X  | Y   |
|----|-----|
| -5 | -19 |
| -1 | 1   |
| 2  | 16  |
| 5  | 31  |
| 6  | 36  |

11) 

| X  | Y   |
|----|-----|
| -8 | -48 |
| -4 | -24 |
| 2  | 12  |
| 4  | 24  |
| 5  | 30  |

12) 

| X  | Y  |
|----|----|
| -9 | -7 |
| -5 | -3 |
| -4 | -2 |
| 2  | 4  |
| 3  | 5  |

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_



Identify the Y intercept for each table.

1) 

| X   | Y   |
|-----|-----|
| -10 | -26 |
| -5  | -16 |
| -3  | -12 |
| -1  | -8  |
| 4   | 2   |

$$Y=2 \times X-6$$

2) 

| X  | Y    |
|----|------|
| -6 | -180 |
| 2  | 60   |
| 3  | 90   |
| 8  | 240  |
| 9  | 270  |

$$Y=6 \times X \div 5$$

3) 

| X  | Y   |
|----|-----|
| -8 | -40 |
| -7 | -35 |
| -5 | -25 |
| 7  | 35  |
| 10 | 50  |

$$Y=3 \times X+(X \times 2)$$

4) 

| X  | Y  |
|----|----|
| -4 | -9 |
| 2  | -3 |
| 5  | 0  |
| 8  | 3  |
| 10 | 5  |

$$Y=X-5$$

5) 

| X  | Y  |
|----|----|
| -2 | -4 |
| 5  | 10 |
| 6  | 12 |
| 7  | 14 |
| 8  | 16 |

$$Y=2 \times X$$

6) 

| X  | Y  |
|----|----|
| -5 | 5  |
| 3  | -3 |
| 6  | -6 |
| 8  | -8 |
| 9  | -9 |

$$Y=-X$$

7) 

| X  | Y |
|----|---|
| -8 | 0 |
| -4 | 0 |
| -1 | 0 |
| 2  | 0 |
| 8  | 0 |

$$Y=4 \times X-(X \times 4)$$

8) 

| X  | Y   |
|----|-----|
| -9 | -15 |
| -6 | -12 |
| -5 | -11 |
| 2  | -4  |
| 4  | -2  |

$$Y=X+(6 \times -1)$$

9) 

| X  | Y   |
|----|-----|
| -8 | -80 |
| -6 | -62 |
| -4 | -44 |
| -1 | -17 |
| 5  | 37  |

$$Y=8 \times X+(X-8)$$

10) 

| X  | Y   |
|----|-----|
| -5 | -19 |
| -1 | 1   |
| 2  | 16  |
| 5  | 31  |
| 6  | 36  |

$$Y=5 \times X+6$$

11) 

| X  | Y   |
|----|-----|
| -8 | -48 |
| -4 | -24 |
| 2  | 12  |
| 4  | 24  |
| 5  | 30  |

$$Y=X \times 6$$

12) 

| X  | Y  |
|----|----|
| -9 | -7 |
| -5 | -3 |
| -4 | -2 |
| 2  | 4  |
| 3  | 5  |

$$Y=X-(2 \times -1)$$

Answers

1. **-6**
2. **0**
3. **0**
4. **-5**
5. **0**
6. **0**
7. **0**
8. **-6**
9. **-8**
10. **6**
11. **0**
12. **2**



Identify the Y intercept for each table.

Answers

|    |   |    |   |
|----|---|----|---|
| -8 | 0 | -6 | 0 |
| -6 | 0 | 0  | 0 |
| -5 |   |    |   |

1)

| X   | Y   |
|-----|-----|
| -10 | -26 |
| -5  | -16 |
| -3  | -12 |
| -1  | -8  |
| 4   | 2   |

$$Y=2 \times X-6$$

2)

| X  | Y    |
|----|------|
| -6 | -180 |
| 2  | 60   |
| 3  | 90   |
| 8  | 240  |
| 9  | 270  |

$$Y=6 \times X \times 5$$

3)

| X  | Y   |
|----|-----|
| -8 | -40 |
| -7 | -35 |
| -5 | -25 |
| 7  | 35  |
| 10 | 50  |

$$Y=3 \times X+(X \times 2)$$

4)

| X  | Y  |
|----|----|
| -4 | -9 |
| 2  | -3 |
| 5  | 0  |
| 8  | 3  |
| 10 | 5  |

$$Y=X-5$$

5)

| X  | Y  |
|----|----|
| -2 | -4 |
| 5  | 10 |
| 6  | 12 |
| 7  | 14 |
| 8  | 16 |

$$Y=2 \times X$$

6)

| X  | Y  |
|----|----|
| -5 | 5  |
| 3  | -3 |
| 6  | -6 |
| 8  | -8 |
| 9  | -9 |

$$Y=-X$$

7)

| X  | Y |
|----|---|
| -8 | 0 |
| -4 | 0 |
| -1 | 0 |
| 2  | 0 |
| 8  | 0 |

$$Y=4 \times X-(X \times 4)$$

8)

| X  | Y   |
|----|-----|
| -9 | -15 |
| -6 | -12 |
| -5 | -11 |
| 2  | -4  |
| 4  | -2  |

$$Y=X+(6 \times -1)$$

9)

| X  | Y   |
|----|-----|
| -8 | -80 |
| -6 | -62 |
| -4 | -44 |
| -1 | -17 |
| 5  | 37  |

$$Y=8 \times X+(X-8)$$

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_



Identify the Y intercept for each table.

1)

| X  | Y   |
|----|-----|
| -8 | -43 |
| -6 | -31 |
| 5  | 35  |
| 9  | 59  |
| 10 | 65  |

2)

| X  | Y   |
|----|-----|
| -7 | -14 |
| -6 | -13 |
| -5 | -12 |
| -4 | -11 |
| 7  | 0   |

3)

| X   | Y  |
|-----|----|
| -10 | -4 |
| -3  | 3  |
| 2   | 8  |
| 3   | 9  |
| 7   | 13 |

4)

| X  | Y   |
|----|-----|
| -5 | -15 |
| -2 | -6  |
| -1 | -3  |
| 4  | 12  |
| 10 | 30  |

5)

| X  | Y  |
|----|----|
| 1  | -3 |
| 3  | 7  |
| 4  | 12 |
| 6  | 22 |
| 10 | 42 |

6)

| X  | Y   |
|----|-----|
| -3 | -15 |
| 1  | 1   |
| 4  | 13  |
| 5  | 17  |
| 6  | 21  |

7)

| X  | Y  |
|----|----|
| -9 | -6 |
| -8 | -5 |
| -4 | -1 |
| -1 | 2  |
| 3  | 6  |

8)

| X  | Y   |
|----|-----|
| -5 | -25 |
| -4 | -20 |
| -2 | -10 |
| 8  | 40  |
| 9  | 45  |

9)

| X  | Y  |
|----|----|
| -7 | 7  |
| -4 | 4  |
| 3  | -3 |
| 6  | -6 |
| 8  | -8 |

10)

| X  | Y   |
|----|-----|
| -6 | -78 |
| -5 | -65 |
| -4 | -52 |
| -3 | -39 |
| 10 | 130 |

11)

| X  | Y   |
|----|-----|
| -8 | -13 |
| -6 | -11 |
| -3 | -8  |
| 8  | 3   |
| 9  | 4   |

12)

| X  | Y   |
|----|-----|
| -9 | 9   |
| -6 | 6   |
| 2  | -2  |
| 8  | -8  |
| 10 | -10 |

Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_



Identify the Y intercept for each table.

1)

| X  | Y   |
|----|-----|
| -8 | -43 |
| -6 | -31 |
| 5  | 35  |
| 9  | 59  |
| 10 | 65  |

$$Y=6 \times X+5$$

2)

| X  | Y   |
|----|-----|
| -7 | -14 |
| -6 | -13 |
| -5 | -12 |
| -4 | -11 |
| 7  | 0   |

$$Y=X-7$$

3)

| X   | Y  |
|-----|----|
| -10 | -4 |
| -3  | 3  |
| 2   | 8  |
| 3   | 9  |
| 7   | 13 |

$$Y=X+6$$

4)

| X  | Y   |
|----|-----|
| -5 | -15 |
| -2 | -6  |
| -1 | -3  |
| 4  | 12  |
| 10 | 30  |

$$Y=4 \times X+(X \times -1)$$

5)

| X  | Y  |
|----|----|
| 1  | -3 |
| 3  | 7  |
| 4  | 12 |
| 6  | 22 |
| 10 | 42 |

$$Y=6 \times X-(X+8)$$

6)

| X  | Y   |
|----|-----|
| -3 | -15 |
| 1  | 1   |
| 4  | 13  |
| 5  | 17  |
| 6  | 21  |

$$Y=4 \times X-3$$

7)

| X  | Y  |
|----|----|
| -9 | -6 |
| -8 | -5 |
| -4 | -1 |
| -1 | 2  |
| 3  | 6  |

$$Y=X-(3 \times -1)$$

8)

| X  | Y   |
|----|-----|
| -5 | -25 |
| -4 | -20 |
| -2 | -10 |
| 8  | 40  |
| 9  | 45  |

$$Y=4 \times X-(X \times -1)$$

9)

| X  | Y  |
|----|----|
| -7 | 7  |
| -4 | 4  |
| 3  | -3 |
| 6  | -6 |
| 8  | -8 |

$$Y=3 \times X-(X \times 4)$$

10)

| X  | Y   |
|----|-----|
| -6 | -78 |
| -5 | -65 |
| -4 | -52 |
| -3 | -39 |
| 10 | 130 |

$$Y=7 \times X+(X \times 6)$$

11)

| X  | Y   |
|----|-----|
| -8 | -13 |
| -6 | -11 |
| -3 | -8  |
| 8  | 3   |
| 9  | 4   |

$$Y=X+(5 \times -1)$$

12)

| X  | Y   |
|----|-----|
| -9 | 9   |
| -6 | 6   |
| 2  | -2  |
| 8  | -8  |
| 10 | -10 |

$$Y=-X$$

Answers1. 52. -73. 64. 05. -86. -37. 38. 09. 010. 011. -512. 0



Identify the Y intercept for each table.

Answers

|    |   |   |    |
|----|---|---|----|
| -8 | 0 | 5 | -7 |
| -3 | 3 | 0 | 0  |
| 6  |   |   |    |

1)

| X  | Y   |
|----|-----|
| -8 | -43 |
| -6 | -31 |
| 5  | 35  |
| 9  | 59  |
| 10 | 65  |

$$Y=6 \times X+5$$

2)

| X  | Y   |
|----|-----|
| -7 | -14 |
| -6 | -13 |
| -5 | -12 |
| -4 | -11 |
| 7  | 0   |

$$Y=X-7$$

3)

| X   | Y  |
|-----|----|
| -10 | -4 |
| -3  | 3  |
| 2   | 8  |
| 3   | 9  |
| 7   | 13 |

$$Y=X+6$$

4)

| X  | Y   |
|----|-----|
| -5 | -15 |
| -2 | -6  |
| -1 | -3  |
| 4  | 12  |
| 10 | 30  |

$$Y=4 \times X+(X \times -1)$$

5)

| X  | Y  |
|----|----|
| 1  | -3 |
| 3  | 7  |
| 4  | 12 |
| 6  | 22 |
| 10 | 42 |

$$Y=6 \times X-(X+8)$$

6)

| X  | Y   |
|----|-----|
| -3 | -15 |
| 1  | 1   |
| 4  | 13  |
| 5  | 17  |
| 6  | 21  |

$$Y=4 \times X-3$$

7)

| X  | Y  |
|----|----|
| -9 | -6 |
| -8 | -5 |
| -4 | -1 |
| -1 | 2  |
| 3  | 6  |

$$Y=X-(3 \times -1)$$

8)

| X  | Y   |
|----|-----|
| -5 | -25 |
| -4 | -20 |
| -2 | -10 |
| 8  | 40  |
| 9  | 45  |

$$Y=4 \times X-(X \times -1)$$

9)

| X  | Y  |
|----|----|
| -7 | 7  |
| -4 | 4  |
| 3  | -3 |
| 6  | -6 |
| 8  | -8 |

$$Y=3 \times X-(X \times 4)$$

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_



Identify the Y intercept for each table.

1)

| X  | Y   |
|----|-----|
| -9 | -66 |
| -8 | -58 |
| -5 | -34 |
| -4 | -26 |
| 6  | 54  |

2)

| X  | Y   |
|----|-----|
| -8 | -15 |
| -3 | -10 |
| 3  | -4  |
| 4  | -3  |
| 9  | 2   |

3)

| X   | Y    |
|-----|------|
| -10 | -350 |
| -8  | -280 |
| -1  | -35  |
| 2   | 70   |
| 10  | 350  |

4)

| X  | Y   |
|----|-----|
| -8 | -32 |
| -5 | -20 |
| -3 | -12 |
| 2  | 8   |
| 5  | 20  |

5)

| X   | Y   |
|-----|-----|
| -10 | -33 |
| -7  | -21 |
| -6  | -17 |
| 2   | 15  |
| 10  | 47  |

6)

| X  | Y   |
|----|-----|
| -9 | -48 |
| -8 | -43 |
| -3 | -18 |
| 2  | 7   |
| 6  | 27  |

7)

| X  | Y   |
|----|-----|
| -4 | -16 |
| 1  | 4   |
| 2  | 8   |
| 6  | 24  |
| 10 | 40  |

8)

| X   | Y   |
|-----|-----|
| -10 | -70 |
| -3  | -21 |
| 1   | 7   |
| 5   | 35  |
| 9   | 63  |

9)

| X  | Y  |
|----|----|
| -8 | 1  |
| -4 | 5  |
| -2 | 7  |
| -1 | 8  |
| 2  | 11 |

10)

| X  | Y  |
|----|----|
| -2 | -7 |
| -1 | -6 |
| 2  | -3 |
| 6  | 1  |
| 10 | 5  |

11)

| X   | Y   |
|-----|-----|
| -10 | -50 |
| -9  | -45 |
| -8  | -40 |
| -2  | -10 |
| 9   | 45  |

12)

| X   | Y  |
|-----|----|
| -10 | 10 |
| -4  | 4  |
| -2  | 2  |
| 2   | -2 |
| 3   | -3 |

Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_



Identify the Y intercept for each table.

1)

| X  | Y   |
|----|-----|
| -9 | -66 |
| -8 | -58 |
| -5 | -34 |
| -4 | -26 |
| 6  | 54  |

$$Y = 9 \times X - (X - 6)$$

2)

| X  | Y   |
|----|-----|
| -8 | -15 |
| -3 | -10 |
| 3  | -4  |
| 4  | -3  |
| 9  | 2   |

$$Y = X + (7 \times -1)$$

3)

| X   | Y    |
|-----|------|
| -10 | -350 |
| -8  | -280 |
| -1  | -35  |
| 2   | 70   |
| 10  | 350  |

$$Y = 7 \times X \times 5$$

4)

| X  | Y   |
|----|-----|
| -8 | -32 |
| -5 | -20 |
| -3 | -12 |
| 2  | 8   |
| 5  | 20  |

$$Y = X \times 4$$

5)

| X   | Y   |
|-----|-----|
| -10 | -33 |
| -7  | -21 |
| -6  | -17 |
| 2   | 15  |
| 10  | 47  |

$$Y = 3 \times X + (X + 7)$$

6)

| X  | Y   |
|----|-----|
| -9 | -48 |
| -8 | -43 |
| -3 | -18 |
| 2  | 7   |
| 6  | 27  |

$$Y = 4 \times X + (X - 3)$$

7)

| X  | Y   |
|----|-----|
| -4 | -16 |
| 1  | 4   |
| 2  | 8   |
| 6  | 24  |
| 10 | 40  |

$$Y = 5 \times X + (X \times -1)$$

8)

| X   | Y   |
|-----|-----|
| -10 | -70 |
| -3  | -21 |
| 1   | 7   |
| 5   | 35  |
| 9   | 63  |

$$Y = 7 \times X$$

9)

| X  | Y  |
|----|----|
| -8 | 1  |
| -4 | 5  |
| -2 | 7  |
| -1 | 8  |
| 2  | 11 |

$$Y = X - (9 \times -1)$$

10)

| X  | Y  |
|----|----|
| -2 | -7 |
| -1 | -6 |
| 2  | -3 |
| 6  | 1  |
| 10 | 5  |

$$Y = X - 5$$

11)

| X   | Y   |
|-----|-----|
| -10 | -50 |
| -9  | -45 |
| -8  | -40 |
| -2  | -10 |
| 9   | 45  |

$$Y = 3 \times X + (X \times 2)$$

12)

| X   | Y  |
|-----|----|
| -10 | 10 |
| -4  | 4  |
| -2  | 2  |
| 2   | -2 |
| 3   | -3 |

$$Y = -X$$

Answers

1. **6**
2. **-7**
3. **0**
4. **0**
5. **7**
6. **-3**
7. **0**
8. **0**
9. **9**
10. **-5**
11. **0**
12. **0**



Identify the Y intercept for each table.

Answers

|    |    |   |   |
|----|----|---|---|
| 7  | 9  | 6 | 0 |
| -7 | -3 | 0 | 0 |
| 0  |    |   |   |

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

1)

| X  | Y   |
|----|-----|
| -9 | -66 |
| -8 | -58 |
| -5 | -34 |
| -4 | -26 |
| 6  | 54  |

$$Y = 9 \times X - (X - 6)$$

2)

| X  | Y   |
|----|-----|
| -8 | -15 |
| -3 | -10 |
| 3  | -4  |
| 4  | -3  |
| 9  | 2   |

$$Y = X + (7 \times -1)$$

3)

| X   | Y    |
|-----|------|
| -10 | -350 |
| -8  | -280 |
| -1  | -35  |
| 2   | 70   |
| 10  | 350  |

$$Y = 7 \times X \times 5$$

4)

| X  | Y   |
|----|-----|
| -8 | -32 |
| -5 | -20 |
| -3 | -12 |
| 2  | 8   |
| 5  | 20  |

$$Y = X \times 4$$

5)

| X   | Y   |
|-----|-----|
| -10 | -33 |
| -7  | -21 |
| -6  | -17 |
| 2   | 15  |
| 10  | 47  |

$$Y = 3 \times X + (X + 7)$$

6)

| X  | Y   |
|----|-----|
| -9 | -48 |
| -8 | -43 |
| -3 | -18 |
| 2  | 7   |
| 6  | 27  |

$$Y = 4 \times X + (X - 3)$$

7)

| X  | Y   |
|----|-----|
| -4 | -16 |
| 1  | 4   |
| 2  | 8   |
| 6  | 24  |
| 10 | 40  |

$$Y = 5 \times X + (X \times -1)$$

8)

| X   | Y   |
|-----|-----|
| -10 | -70 |
| -3  | -21 |
| 1   | 7   |
| 5   | 35  |
| 9   | 63  |

$$Y = 7 \times X$$

9)

| X  | Y  |
|----|----|
| -8 | 1  |
| -4 | 5  |
| -2 | 7  |
| -1 | 8  |
| 2  | 11 |

$$Y = X - (9 \times -1)$$



Identify the Y intercept for each table.

Answers1) 

| X  | Y   |
|----|-----|
| -4 | -11 |
| -3 | -10 |
| 2  | -5  |
| 3  | -4  |
| 4  | -3  |

2) 

| X  | Y   |
|----|-----|
| -9 | -51 |
| -7 | -41 |
| 2  | 4   |
| 5  | 19  |
| 7  | 29  |

3) 

| X  | Y  |
|----|----|
| -6 | 2  |
| -4 | 4  |
| 1  | 9  |
| 7  | 15 |
| 10 | 18 |

4) 

| X  | Y   |
|----|-----|
| -9 | -81 |
| -7 | -63 |
| 5  | 45  |
| 7  | 63  |
| 10 | 90  |

5) 

| X  | Y  |
|----|----|
| -1 | 1  |
| 2  | 10 |
| 4  | 16 |
| 5  | 19 |
| 9  | 31 |

6) 

| X  | Y   |
|----|-----|
| -9 | -83 |
| -4 | -33 |
| 2  | 27  |
| 5  | 57  |
| 6  | 67  |

7) 

| X  | Y  |
|----|----|
| -6 | 6  |
| 1  | -1 |
| 4  | -4 |
| 6  | -6 |
| 7  | -7 |

8) 

| X  | Y    |
|----|------|
| -7 | -280 |
| 1  | 40   |
| 2  | 80   |
| 5  | 200  |
| 7  | 280  |

9) 

| X  | Y   |
|----|-----|
| -3 | -32 |
| -2 | -22 |
| -1 | -12 |
| 6  | 58  |
| 10 | 98  |

10) 

| X  | Y   |
|----|-----|
| -8 | 144 |
| -4 | -24 |
| 1  | 36  |
| 4  | 216 |
| 10 | 900 |

11) 

| X  | Y   |
|----|-----|
| -9 | -12 |
| -6 | -9  |
| -2 | -5  |
| -1 | -4  |
| 3  | 0   |

12) 

| X  | Y  |
|----|----|
| -9 | 9  |
| -6 | 6  |
| 3  | -3 |
| 6  | -6 |
| 8  | -8 |

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_



Identify the Y intercept for each table.

1) 

| X  | Y   |
|----|-----|
| -4 | -11 |
| -3 | -10 |
| 2  | -5  |
| 3  | -4  |
| 4  | -3  |

$$Y = X - 7$$

2) 

| X  | Y   |
|----|-----|
| -9 | -51 |
| -7 | -41 |
| 2  | 4   |
| 5  | 19  |
| 7  | 29  |

$$Y = 6 \times X - (X + 6)$$

3) 

| X  | Y  |
|----|----|
| -6 | 2  |
| -4 | 4  |
| 1  | 9  |
| 7  | 15 |
| 10 | 18 |

$$Y = X - (8 \times -1)$$

4) 

| X  | Y   |
|----|-----|
| -9 | -81 |
| -7 | -63 |
| 5  | 45  |
| 7  | 63  |
| 10 | 90  |

$$Y = X \times 9$$

5) 

| X  | Y  |
|----|----|
| -1 | 1  |
| 2  | 10 |
| 4  | 16 |
| 5  | 19 |
| 9  | 31 |

$$Y = 3 \times X + 4$$

6) 

| X  | Y   |
|----|-----|
| -9 | -83 |
| -4 | -33 |
| 2  | 27  |
| 5  | 57  |
| 6  | 67  |

$$Y = 9 \times X + (X + 7)$$

7) 

| X  | Y  |
|----|----|
| -6 | 6  |
| 1  | -1 |
| 4  | -4 |
| 6  | -6 |
| 7  | -7 |

$$Y = 3 \times X - (X \times 4)$$

8) 

| X  | Y    |
|----|------|
| -7 | -280 |
| 1  | 40   |
| 2  | 80   |
| 5  | 200  |
| 7  | 280  |

$$Y = 5 \times X \times 8$$

9) 

| X  | Y   |
|----|-----|
| -3 | -32 |
| -2 | -22 |
| -1 | -12 |
| 6  | 58  |
| 10 | 98  |

$$Y = 9 \times X + (X - 2)$$

10) 

| X  | Y   |
|----|-----|
| -8 | 144 |
| -4 | -24 |
| 1  | 36  |
| 4  | 216 |
| 10 | 900 |

$$Y = 6 \times X \times (X + 5)$$

11) 

| X  | Y   |
|----|-----|
| -9 | -12 |
| -6 | -9  |
| -2 | -5  |
| -1 | -4  |
| 3  | 0   |

$$Y = X + (3 \times -1)$$

12) 

| X  | Y  |
|----|----|
| -9 | 9  |
| -6 | 6  |
| 3  | -3 |
| 6  | -6 |
| 8  | -8 |

$$Y = -X$$

Answers

1. -7
2. -6
3. 8
4. 0
5. 4
6. 7
7. 0
8. 0
9. -2
10. 0
11. -3
12. 0



Identify the Y intercept for each table.

Answers

|   |   |    |    |
|---|---|----|----|
| 0 | 4 | -2 | 0  |
| 8 | 0 | -6 | -7 |
| 7 |   |    |    |

1)

| X  | Y   |
|----|-----|
| -4 | -11 |
| -3 | -10 |
| 2  | -5  |
| 3  | -4  |
| 4  | -3  |

$$Y = X - 7$$

2)

| X  | Y   |
|----|-----|
| -9 | -51 |
| -7 | -41 |
| 2  | 4   |
| 5  | 19  |
| 7  | 29  |

$$Y = 6 \times X - (X + 6)$$

3)

| X  | Y  |
|----|----|
| -6 | 2  |
| -4 | 4  |
| 1  | 9  |
| 7  | 15 |
| 10 | 18 |

$$Y = X - (8 \times -1)$$

4)

| X  | Y   |
|----|-----|
| -9 | -81 |
| -7 | -63 |
| 5  | 45  |
| 7  | 63  |
| 10 | 90  |

$$Y = X \times 9$$

5)

| X  | Y  |
|----|----|
| -1 | 1  |
| 2  | 10 |
| 4  | 16 |
| 5  | 19 |
| 9  | 31 |

$$Y = 3 \times X + 4$$

6)

| X  | Y   |
|----|-----|
| -9 | -83 |
| -4 | -33 |
| 2  | 27  |
| 5  | 57  |
| 6  | 67  |

$$Y = 9 \times X + (X + 7)$$

7)

| X  | Y  |
|----|----|
| -6 | 6  |
| 1  | -1 |
| 4  | -4 |
| 6  | -6 |
| 7  | -7 |

$$Y = 3 \times X - (X \times 4)$$

8)

| X  | Y    |
|----|------|
| -7 | -280 |
| 1  | 40   |
| 2  | 80   |
| 5  | 200  |
| 7  | 280  |

$$Y = 5 \times X \times 8$$

9)

| X  | Y   |
|----|-----|
| -3 | -32 |
| -2 | -22 |
| -1 | -12 |
| 6  | 58  |
| 10 | 98  |

$$Y = 9 \times X + (X - 2)$$

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_



Identify the Y intercept for each table.

1)

| X   | Y   |
|-----|-----|
| -10 | -68 |
| -8  | -54 |
| -7  | -47 |
| -2  | -12 |
| 2   | 16  |

2)

| X  | Y |
|----|---|
| -8 | 8 |
| -7 | 7 |
| -5 | 5 |
| -3 | 3 |
| -1 | 1 |

3)

| X   | Y   |
|-----|-----|
| -10 | -70 |
| -2  | -14 |
| 2   | 14  |
| 3   | 21  |
| 10  | 70  |

4)

| X  | Y    |
|----|------|
| -5 | -180 |
| 5  | 180  |
| 8  | 288  |
| 9  | 324  |
| 10 | 360  |

5)

| X  | Y   |
|----|-----|
| -9 | -27 |
| -5 | -15 |
| -3 | -9  |
| 1  | 3   |
| 4  | 12  |

6)

| X  | Y   |
|----|-----|
| -3 | -48 |
| -1 | -16 |
| 2  | 32  |
| 5  | 80  |
| 9  | 144 |

7)

| X  | Y   |
|----|-----|
| -6 | -30 |
| -2 | -10 |
| -1 | -5  |
| 7  | 35  |
| 8  | 40  |

8)

| X | Y  |
|---|----|
| 1 | 16 |
| 3 | 34 |
| 5 | 52 |
| 8 | 79 |
| 9 | 88 |

9)

| X   | Y  |
|-----|----|
| -10 | 10 |
| -9  | 9  |
| -4  | 4  |
| 1   | -1 |
| 6   | -6 |

10)

| X  | Y  |
|----|----|
| -9 | -6 |
| -7 | -4 |
| -1 | 2  |
| 3  | 6  |
| 9  | 12 |

11)

| X  | Y   |
|----|-----|
| -2 | -13 |
| -1 | -5  |
| 5  | 43  |
| 7  | 59  |
| 8  | 67  |

12)

| X  | Y  |
|----|----|
| 2  | -7 |
| 3  | -6 |
| 4  | -5 |
| 5  | -4 |
| 10 | 1  |

Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_



Identify the Y intercept for each table.

1)

| X   | Y   |
|-----|-----|
| -10 | -68 |
| -8  | -54 |
| -7  | -47 |
| -2  | -12 |
| 2   | 16  |

$$Y=6 \times X+(X+2)$$

2)

| X  | Y |
|----|---|
| -8 | 8 |
| -7 | 7 |
| -5 | 5 |
| -3 | 3 |
| -1 | 1 |

$$Y=-X$$

3)

| X   | Y   |
|-----|-----|
| -10 | -70 |
| -2  | -14 |
| 2   | 14  |
| 3   | 21  |
| 10  | 70  |

$$Y=X \times 7$$

4)

| X  | Y    |
|----|------|
| -5 | -180 |
| 5  | 180  |
| 8  | 288  |
| 9  | 324  |
| 10 | 360  |

$$Y=4 \times X \times 9$$

5)

| X  | Y   |
|----|-----|
| -9 | -27 |
| -5 | -15 |
| -3 | -9  |
| 1  | 3   |
| 4  | 12  |

$$Y=2 \times X-(X \times -1)$$

6)

| X  | Y   |
|----|-----|
| -3 | -48 |
| -1 | -16 |
| 2  | 32  |
| 5  | 80  |
| 9  | 144 |

$$Y=7 \times X+(X \times 9)$$

7)

| X  | Y   |
|----|-----|
| -6 | -30 |
| -2 | -10 |
| -1 | -5  |
| 7  | 35  |
| 8  | 40  |

$$Y=6 \times X+(X \times -1)$$

8)

| X | Y  |
|---|----|
| 1 | 16 |
| 3 | 34 |
| 5 | 52 |
| 8 | 79 |
| 9 | 88 |

$$Y=9 \times X+7$$

9)

| X   | Y  |
|-----|----|
| -10 | 10 |
| -9  | 9  |
| -4  | 4  |
| 1   | -1 |
| 6   | -6 |

$$Y=4 \times X-(X \times 5)$$

10)

| X  | Y  |
|----|----|
| -9 | -6 |
| -7 | -4 |
| -1 | 2  |
| 3  | 6  |
| 9  | 12 |

$$Y=X+3$$

11)

| X  | Y   |
|----|-----|
| -2 | -13 |
| -1 | -5  |
| 5  | 43  |
| 7  | 59  |
| 8  | 67  |

$$Y=9 \times X-(X-3)$$

12)

| X  | Y  |
|----|----|
| 2  | -7 |
| 3  | -6 |
| 4  | -5 |
| 5  | -4 |
| 10 | 1  |

$$Y=X+(9 \times -1)$$

Answers1. 22. 03. 04. 05. 06. 07. 08. 79. 010. 311. 312. -9



Identify the Y intercept for each table.

Answers

|   |   |   |   |
|---|---|---|---|
| 0 | 7 | 0 | 0 |
| 0 | 0 | 2 | 0 |
| 0 |   |   |   |

1)

| X   | Y   |
|-----|-----|
| -10 | -68 |
| -8  | -54 |
| -7  | -47 |
| -2  | -12 |
| 2   | 16  |

$$Y=6 \times X+(X+2)$$

2)

| X  | Y |
|----|---|
| -8 | 8 |
| -7 | 7 |
| -5 | 5 |
| -3 | 3 |
| -1 | 1 |

$$Y=-X$$

3)

| X   | Y   |
|-----|-----|
| -10 | -70 |
| -2  | -14 |
| 2   | 14  |
| 3   | 21  |
| 10  | 70  |

$$Y=X \times 7$$

4)

| X  | Y    |
|----|------|
| -5 | -180 |
| 5  | 180  |
| 8  | 288  |
| 9  | 324  |
| 10 | 360  |

$$Y=4 \times X \times 9$$

5)

| X  | Y   |
|----|-----|
| -9 | -27 |
| -5 | -15 |
| -3 | -9  |
| 1  | 3   |
| 4  | 12  |

$$Y=2 \times X-(X \times -1)$$

6)

| X  | Y   |
|----|-----|
| -3 | -48 |
| -1 | -16 |
| 2  | 32  |
| 5  | 80  |
| 9  | 144 |

$$Y=7 \times X+(X \times 9)$$

7)

| X  | Y   |
|----|-----|
| -6 | -30 |
| -2 | -10 |
| -1 | -5  |
| 7  | 35  |
| 8  | 40  |

$$Y=6 \times X+(X \times -1)$$

8)

| X | Y  |
|---|----|
| 1 | 16 |
| 3 | 34 |
| 5 | 52 |
| 8 | 79 |
| 9 | 88 |

$$Y=9 \times X+7$$

9)

| X   | Y  |
|-----|----|
| -10 | 10 |
| -9  | 9  |
| -4  | 4  |
| 1   | -1 |
| 6   | -6 |

$$Y=4 \times X-(X \times 5)$$

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_



Identify the Y intercept for each table.

1) 

| X  | Y   |
|----|-----|
| -8 | -79 |
| -2 | -25 |
| 2  | 11  |
| 3  | 20  |
| 8  | 65  |

2) 

| X  | Y   |
|----|-----|
| -9 | -43 |
| 3  | 17  |
| 5  | 27  |
| 6  | 32  |
| 10 | 52  |

3) 

| X  | Y  |
|----|----|
| -3 | 0  |
| -2 | 1  |
| 2  | 5  |
| 8  | 11 |
| 10 | 13 |

4) 

| X   | Y    |
|-----|------|
| -10 | -280 |
| -8  | -224 |
| 1   | 28   |
| 2   | 56   |
| 8   | 224  |

5) 

| X   | Y  |
|-----|----|
| -10 | -1 |
| -9  | 0  |
| -8  | 1  |
| 6   | 15 |
| 7   | 16 |

6) 

| X  | Y   |
|----|-----|
| -9 | -45 |
| -7 | -35 |
| -3 | -15 |
| -1 | -5  |
| 1  | 5   |

7) 

| X  | Y   |
|----|-----|
| -8 | -28 |
| -6 | -20 |
| -3 | -8  |
| 3  | 16  |
| 8  | 36  |

8) 

| X  | Y   |
|----|-----|
| -6 | -24 |
| -3 | -12 |
| -1 | -4  |
| 5  | 20  |
| 8  | 32  |

9) 

| X  | Y   |
|----|-----|
| -7 | -12 |
| -1 | -6  |
| 6  | 1   |
| 7  | 2   |
| 9  | 4   |

10) 

| X  | Y  |
|----|----|
| -8 | 8  |
| -2 | 2  |
| 4  | -4 |
| 5  | -5 |
| 6  | -6 |

11) 

| X   | Y   |
|-----|-----|
| -10 | -70 |
| -6  | -42 |
| -4  | -28 |
| 2   | 14  |
| 4   | 28  |

12) 

| X   | Y  |
|-----|----|
| -10 | 10 |
| -5  | 5  |
| -4  | 4  |
| 2   | -2 |
| 6   | -6 |

Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_



Identify the Y intercept for each table.

1)

| X  | Y   |
|----|-----|
| -8 | -79 |
| -2 | -25 |
| 2  | 11  |
| 3  | 20  |
| 8  | 65  |

$$Y=8 \times X+(X-7)$$

2)

| X  | Y   |
|----|-----|
| -9 | -43 |
| 3  | 17  |
| 5  | 27  |
| 6  | 32  |
| 10 | 52  |

$$Y=5 \times X+2$$

3)

| X  | Y  |
|----|----|
| -3 | 0  |
| -2 | 1  |
| 2  | 5  |
| 8  | 11 |
| 10 | 13 |

$$Y=X+3$$

4)

| X   | Y    |
|-----|------|
| -10 | -280 |
| -8  | -224 |
| 1   | 28   |
| 2   | 56   |
| 8   | 224  |

$$Y=7 \times X \times 4$$

5)

| X   | Y  |
|-----|----|
| -10 | -1 |
| -9  | 0  |
| -8  | 1  |
| 6   | 15 |
| 7   | 16 |

$$Y=X-(9 \times -1)$$

6)

| X  | Y   |
|----|-----|
| -9 | -45 |
| -7 | -35 |
| -3 | -15 |
| -1 | -5  |
| 1  | 5   |

$$Y=5 \times X$$

7)

| X  | Y   |
|----|-----|
| -8 | -28 |
| -6 | -20 |
| -3 | -8  |
| 3  | 16  |
| 8  | 36  |

$$Y=3 \times X+(X+4)$$

8)

| X  | Y   |
|----|-----|
| -6 | -24 |
| -3 | -12 |
| -1 | -4  |
| 5  | 20  |
| 8  | 32  |

$$Y=5 \times X+(X \times -1)$$

9)

| X  | Y   |
|----|-----|
| -7 | -12 |
| -1 | -6  |
| 6  | 1   |
| 7  | 2   |
| 9  | 4   |

$$Y=X-5$$

10)

| X  | Y  |
|----|----|
| -8 | 8  |
| -2 | 2  |
| 4  | -4 |
| 5  | -5 |
| 6  | -6 |

$$Y=-X$$

11)

| X   | Y   |
|-----|-----|
| -10 | -70 |
| -6  | -42 |
| -4  | -28 |
| 2   | 14  |
| 4   | 28  |

$$Y=6 \times X-(X \times -1)$$

12)

| X   | Y  |
|-----|----|
| -10 | 10 |
| -5  | 5  |
| -4  | 4  |
| 2   | -2 |
| 6   | -6 |

$$Y=6 \times X-(X \times 7)$$

Answers1. -72. 23. 34. 05. 96. 07. 48. 09. -510. 011. 012. 0



Identify the Y intercept for each table.

Answers

|    |   |   |    |
|----|---|---|----|
| 3  | 9 | 2 | 0  |
| -5 | 0 | 0 | -7 |
| 4  |   |   |    |

1)

| X  | Y   |
|----|-----|
| -8 | -79 |
| -2 | -25 |
| 2  | 11  |
| 3  | 20  |
| 8  | 65  |

$$Y=8 \times X+(X-7)$$

2)

| X  | Y   |
|----|-----|
| -9 | -43 |
| 3  | 17  |
| 5  | 27  |
| 6  | 32  |
| 10 | 52  |

$$Y=5 \times X+2$$

3)

| X  | Y  |
|----|----|
| -3 | 0  |
| -2 | 1  |
| 2  | 5  |
| 8  | 11 |
| 10 | 13 |

$$Y=X+3$$

4)

| X   | Y    |
|-----|------|
| -10 | -280 |
| -8  | -224 |
| 1   | 28   |
| 2   | 56   |
| 8   | 224  |

$$Y=7 \times X \times 4$$

5)

| X   | Y  |
|-----|----|
| -10 | -1 |
| -9  | 0  |
| -8  | 1  |
| 6   | 15 |
| 7   | 16 |

$$Y=X-(9 \times -1)$$

6)

| X  | Y   |
|----|-----|
| -9 | -45 |
| -7 | -35 |
| -3 | -15 |
| -1 | -5  |
| 1  | 5   |

$$Y=5 \times X$$

7)

| X  | Y   |
|----|-----|
| -8 | -28 |
| -6 | -20 |
| -3 | -8  |
| 3  | 16  |
| 8  | 36  |

$$Y=3 \times X+(X+4)$$

8)

| X  | Y   |
|----|-----|
| -6 | -24 |
| -3 | -12 |
| -1 | -4  |
| 5  | 20  |
| 8  | 32  |

$$Y=5 \times X+(X \times -1)$$

9)

| X  | Y   |
|----|-----|
| -7 | -12 |
| -1 | -6  |
| 6  | 1   |
| 7  | 2   |
| 9  | 4   |

$$Y=X-5$$

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_



Identify the Y intercept for each table.

Answers1) 

| X  | Y   |
|----|-----|
| -7 | -21 |
| -3 | -9  |
| -2 | -6  |
| -1 | -3  |
| 10 | 30  |

2) 

| X   | Y   |
|-----|-----|
| -10 | -68 |
| -7  | -47 |
| 3   | 23  |
| 7   | 51  |
| 9   | 65  |

3) 

| X  | Y   |
|----|-----|
| -9 | -12 |
| -3 | 0   |
| -2 | 2   |
| 2  | 10  |
| 5  | 16  |

4) 

| X  | Y   |
|----|-----|
| -5 | -25 |
| -4 | -21 |
| -2 | -13 |
| 3  | 7   |
| 6  | 19  |

5) 

| X  | Y   |
|----|-----|
| -6 | -15 |
| 1  | -8  |
| 3  | -6  |
| 6  | -3  |
| 8  | -1  |

6) 

| X  | Y   |
|----|-----|
| -6 | -12 |
| -2 | -8  |
| -1 | -7  |
| 3  | -3  |
| 7  | 1   |

7) 

| X  | Y   |
|----|-----|
| -6 | -54 |
| 1  | 9   |
| 2  | 18  |
| 4  | 36  |
| 5  | 45  |

8) 

| X  | Y    |
|----|------|
| -8 | -128 |
| -5 | -80  |
| -3 | -48  |
| -1 | -16  |
| 8  | 128  |

9) 

| X  | Y   |
|----|-----|
| -7 | 7   |
| -6 | 6   |
| -5 | 5   |
| 3  | -3  |
| 10 | -10 |

10) 

| X  | Y  |
|----|----|
| -3 | -4 |
| -2 | 0  |
| 4  | 24 |
| 6  | 32 |
| 7  | 36 |

11) 

| X  | Y  |
|----|----|
| -9 | -5 |
| -7 | -3 |
| -5 | -1 |
| -1 | 3  |
| 10 | 14 |

12) 

| X  | Y   |
|----|-----|
| -2 | -22 |
| 1  | 11  |
| 2  | 22  |
| 6  | 66  |
| 7  | 77  |

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_



Identify the Y intercept for each table.

1)

| X  | Y   |
|----|-----|
| -7 | -21 |
| -3 | -9  |
| -2 | -6  |
| -1 | -3  |
| 10 | 30  |

$$Y=9 \times X - (X \times 6)$$

2)

| X   | Y   |
|-----|-----|
| -10 | -68 |
| -7  | -47 |
| 3   | 23  |
| 7   | 51  |
| 9   | 65  |

$$Y=7 \times X + 2$$

3)

| X  | Y   |
|----|-----|
| -9 | -12 |
| -3 | 0   |
| -2 | 2   |
| 2  | 10  |
| 5  | 16  |

$$Y=3 \times X - (X-6)$$

4)

| X  | Y   |
|----|-----|
| -5 | -25 |
| -4 | -21 |
| -2 | -13 |
| 3  | 7   |
| 6  | 19  |

$$Y=4 \times X - 5$$

5)

| X  | Y   |
|----|-----|
| -6 | -15 |
| 1  | -8  |
| 3  | -6  |
| 6  | -3  |
| 8  | -1  |

$$Y=X-9$$

6)

| X  | Y   |
|----|-----|
| -6 | -12 |
| -2 | -8  |
| -1 | -7  |
| 3  | -3  |
| 7  | 1   |

$$Y=X+(6 \times -1)$$

7)

| X  | Y   |
|----|-----|
| -6 | -54 |
| 1  | 9   |
| 2  | 18  |
| 4  | 36  |
| 5  | 45  |

$$Y=X \times 9$$

8)

| X  | Y    |
|----|------|
| -8 | -128 |
| -5 | -80  |
| -3 | -48  |
| -1 | -16  |
| 8  | 128  |

$$Y=2 \times X \times 8$$

9)

| X  | Y   |
|----|-----|
| -7 | 7   |
| -6 | 6   |
| -5 | 5   |
| 3  | -3  |
| 10 | -10 |

$$Y=-X$$

10)

| X  | Y  |
|----|----|
| -3 | -4 |
| -2 | 0  |
| 4  | 24 |
| 6  | 32 |
| 7  | 36 |

$$Y=3 \times X + (X+8)$$

11)

| X  | Y  |
|----|----|
| -9 | -5 |
| -7 | -3 |
| -5 | -1 |
| -1 | 3  |
| 10 | 14 |

$$Y=X+4$$

12)

| X  | Y   |
|----|-----|
| -2 | -22 |
| 1  | 11  |
| 2  | 22  |
| 6  | 66  |
| 7  | 77  |

$$Y=9 \times X + (X \times 2)$$

Answers

1. 0
2. 2
3. 6
4. -5
5. -9
6. -6
7. 0
8. 0
9. 0
10. 8
11. 4
12. 0



Identify the Y intercept for each table.

Answers

|    |    |   |    |
|----|----|---|----|
| 0  | -6 | 2 | 6  |
| -9 | 0  | 0 | -5 |
| 0  |    |   |    |

1)

| X  | Y   |
|----|-----|
| -7 | -21 |
| -3 | -9  |
| -2 | -6  |
| -1 | -3  |
| 10 | 30  |

$$Y=9 \times X-(X \times 6)$$

2)

| X   | Y   |
|-----|-----|
| -10 | -68 |
| -7  | -47 |
| 3   | 23  |
| 7   | 51  |
| 9   | 65  |

$$Y=7 \times X+2$$

3)

| X  | Y   |
|----|-----|
| -9 | -12 |
| -3 | 0   |
| -2 | 2   |
| 2  | 10  |
| 5  | 16  |

$$Y=3 \times X-(X-6)$$

4)

| X  | Y   |
|----|-----|
| -5 | -25 |
| -4 | -21 |
| -2 | -13 |
| 3  | 7   |
| 6  | 19  |

$$Y=4 \times X-5$$

5)

| X  | Y   |
|----|-----|
| -6 | -15 |
| 1  | -8  |
| 3  | -6  |
| 6  | -3  |
| 8  | -1  |

$$Y=X-9$$

6)

| X  | Y   |
|----|-----|
| -6 | -12 |
| -2 | -8  |
| -1 | -7  |
| 3  | -3  |
| 7  | 1   |

$$Y=X+(6 \times -1)$$

7)

| X  | Y   |
|----|-----|
| -6 | -54 |
| 1  | 9   |
| 2  | 18  |
| 4  | 36  |
| 5  | 45  |

$$Y=X \times 9$$

8)

| X  | Y    |
|----|------|
| -8 | -128 |
| -5 | -80  |
| -3 | -48  |
| -1 | -16  |
| 8  | 128  |

$$Y=2 \times X \times 8$$

9)

| X  | Y   |
|----|-----|
| -7 | 7   |
| -6 | 6   |
| -5 | 5   |
| 3  | -3  |
| 10 | -10 |

$$Y=-X$$

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_



Identify the Y intercept for each table.

1)

| X   | Y  |
|-----|----|
| -10 | -1 |
| -8  | 1  |
| -1  | 8  |
| 6   | 15 |
| 7   | 16 |

2)

| X  | Y   |
|----|-----|
| -7 | -16 |
| -2 | -11 |
| -1 | -10 |
| 1  | -8  |
| 8  | -1  |

3)

| X  | Y  |
|----|----|
| -4 | 5  |
| -1 | 8  |
| 4  | 13 |
| 5  | 14 |
| 7  | 16 |

4)

| X  | Y   |
|----|-----|
| -6 | -30 |
| -4 | -20 |
| -1 | -5  |
| 8  | 40  |
| 9  | 45  |

5)

| X  | Y   |
|----|-----|
| -8 | -64 |
| -4 | -32 |
| -1 | -8  |
| 5  | 40  |
| 6  | 48  |

6)

| X  | Y    |
|----|------|
| -8 | -320 |
| -5 | -200 |
| 1  | 40   |
| 2  | 80   |
| 3  | 120  |

7)

| X  | Y   |
|----|-----|
| -7 | -12 |
| -4 | -9  |
| 5  | 0   |
| 6  | 1   |
| 8  | 3   |

8)

| X  | Y   |
|----|-----|
| -9 | -79 |
| -1 | -7  |
| 1  | 11  |
| 5  | 47  |
| 8  | 74  |

9)

| X  | Y   |
|----|-----|
| -7 | -21 |
| -4 | -12 |
| 2  | 6   |
| 3  | 9   |
| 6  | 18  |

10)

| X  | Y   |
|----|-----|
| -7 | -42 |
| -6 | -37 |
| 4  | 13  |
| 5  | 18  |
| 7  | 28  |

11)

| X   | Y  |
|-----|----|
| -10 | 10 |
| -6  | 6  |
| -2  | 2  |
| -1  | 1  |
| 8   | -8 |

12)

| X  | Y   |
|----|-----|
| -9 | -90 |
| 3  | 30  |
| 4  | 40  |
| 5  | 50  |
| 9  | 90  |

Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_



Identify the Y intercept for each table.

1)

| X   | Y  |
|-----|----|
| -10 | -1 |
| -8  | 1  |
| -1  | 8  |
| 6   | 15 |
| 7   | 16 |

$$Y = X + 9$$

2)

| X  | Y   |
|----|-----|
| -7 | -16 |
| -2 | -11 |
| -1 | -10 |
| 1  | -8  |
| 8  | -1  |

$$Y = X + (9 \times -1)$$

3)

| X  | Y  |
|----|----|
| -4 | 5  |
| -1 | 8  |
| 4  | 13 |
| 5  | 14 |
| 7  | 16 |

$$Y = X - (9 \times -1)$$

4)

| X  | Y   |
|----|-----|
| -6 | -30 |
| -4 | -20 |
| -1 | -5  |
| 8  | 40  |
| 9  | 45  |

$$Y = 8 \times X - (X \times 3)$$

5)

| X  | Y   |
|----|-----|
| -8 | -64 |
| -4 | -32 |
| -1 | -8  |
| 5  | 40  |
| 6  | 48  |

$$Y = 8 \times X$$

6)

| X  | Y    |
|----|------|
| -8 | -320 |
| -5 | -200 |
| 1  | 40   |
| 2  | 80   |
| 3  | 120  |

$$Y = 8 \times X \times 5$$

7)

| X  | Y   |
|----|-----|
| -7 | -12 |
| -4 | -9  |
| 5  | 0   |
| 6  | 1   |
| 8  | 3   |

$$Y = X - 5$$

8)

| X  | Y   |
|----|-----|
| -9 | -79 |
| -1 | -7  |
| 1  | 11  |
| 5  | 47  |
| 8  | 74  |

$$Y = 9 \times X + 2$$

9)

| X  | Y   |
|----|-----|
| -7 | -21 |
| -4 | -12 |
| 2  | 6   |
| 3  | 9   |
| 6  | 18  |

$$Y = 4 \times X + (X \times -1)$$

10)

| X  | Y   |
|----|-----|
| -7 | -42 |
| -6 | -37 |
| 4  | 13  |
| 5  | 18  |
| 7  | 28  |

$$Y = 6 \times X - (X + 7)$$

11)

| X   | Y  |
|-----|----|
| -10 | 10 |
| -6  | 6  |
| -2  | 2  |
| -1  | 1  |
| 8   | -8 |

$$Y = -X$$

12)

| X  | Y   |
|----|-----|
| -9 | -90 |
| 3  | 30  |
| 4  | 40  |
| 5  | 50  |
| 9  | 90  |

$$Y = 2 \times X + (X \times 8)$$

Answers

1. **9**
2. **-9**
3. **9**
4. **0**
5. **0**
6. **0**
7. **-5**
8. **2**
9. **0**
10. **-7**
11. **0**
12. **0**



Identify the Y intercept for each table.

Answers0  
-9  
-50  
90  
20  
9

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

1)

| X   | Y  |
|-----|----|
| -10 | -1 |
| -8  | 1  |
| -1  | 8  |
| 6   | 15 |
| 7   | 16 |

$$Y = X + 9$$

2)

| X  | Y   |
|----|-----|
| -7 | -16 |
| -2 | -11 |
| -1 | -10 |
| 1  | -8  |
| 8  | -1  |

$$Y = X + (9 \times -1)$$

3)

| X  | Y  |
|----|----|
| -4 | 5  |
| -1 | 8  |
| 4  | 13 |
| 5  | 14 |
| 7  | 16 |

$$Y = X - (9 \times -1)$$

4)

| X  | Y   |
|----|-----|
| -6 | -30 |
| -4 | -20 |
| -1 | -5  |
| 8  | 40  |
| 9  | 45  |

$$Y = 8 \times X - (X \times 3)$$

5)

| X  | Y   |
|----|-----|
| -8 | -64 |
| -4 | -32 |
| -1 | -8  |
| 5  | 40  |
| 6  | 48  |

$$Y = 8 \times X$$

6)

| X  | Y    |
|----|------|
| -8 | -320 |
| -5 | -200 |
| 1  | 40   |
| 2  | 80   |
| 3  | 120  |

$$Y = 8 \times X \times 5$$

7)

| X  | Y   |
|----|-----|
| -7 | -12 |
| -4 | -9  |
| 5  | 0   |
| 6  | 1   |
| 8  | 3   |

$$Y = X - 5$$

8)

| X  | Y   |
|----|-----|
| -9 | -79 |
| -1 | -7  |
| 1  | 11  |
| 5  | 47  |
| 8  | 74  |

$$Y = 9 \times X + 2$$

9)

| X  | Y   |
|----|-----|
| -7 | -21 |
| -4 | -12 |
| 2  | 6   |
| 3  | 9   |
| 6  | 18  |

$$Y = 4 \times X + (X \times -1)$$