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Function machines and formulae: answers

Some sheet

Some Substitute a value into an equation.

1 y = 2 $2x = 6$, so $y = 8 - 6 = 2$; $y = 2 \div 1 = 2$

2 y = 5 $3x = 9$, so $y = 14 - 9 = 5$; $y = 5 \div 1 = 5$

3 y = 6 $3x = 6$, so $2y = 18 - 6 = 12$; $y = 12 \div 2 = 6$

4 y = 3 $3x = 9$, so $y = 12 - 9 = 3$; $y = 3 \div 1 = 3$

5 y = 4 $3x = 12$, so $2y = 20 - 12 = 8$; $y = 8 \div 2 = 4$

6 y = 0 $x = 16$, so $y = 16 - 16 = 0$; $y = 0 \div 1 = 0$

7 y = 7 $x = 2$, so $y = 9 - 2 = 7$; $y = 7 \div 1 = 7$

8 y = 3 $2x = 4$, so $2y = 10 - 4 = 6$; $y = 6 \div 2 = 3$

9 y = 6 $2x = 12$, so $y = 18 - 12 = 6$; $y = 6 \div 1 = 6$

10 y = 9 $3x = 6$, so $y = 15 - 6 = 9$; $y = 9 \div 1 = 9$

11 y = 16 $x = 1$, so $y = 17 - 1 = 16$; $y = 16 \div 1 = 16$

12 y = 12 $2x = 6$, so $y = 18 - 6 = 12$; $y = 12 \div 1 = 12$

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