

Use the following information to complete the tables. Then write the equation of proportionality that represents each table.

1)

72		27		12
24	18		7	

$k =$ _____

Equation _____

2)

	2		7	
5	10	20		65

$k =$ _____

Equation _____

3)

	114	72	48	
22		12		1

$k =$ _____

Equation _____

4)

3		8		27
6	14		42	

$k =$ _____

Equation _____

5) Draw a triangle that has an area of $22mm^2$.

6) Draw a rectangular prism that has a volume of $130 cm^3$.

7) Draw a parallelogram that has an area of $60 in^2$.

Simplify the following expressions:

8) $3s - 8y + 5s - 3y$

9) $-5(-2x + 14)$

10) $4 - 4(7) - 8(-3)$