

1. 1 cent = 0.01 \$

50 cent = 0.5 \$

3 Apples  $\Rightarrow$  Total price = 1.5 \$

\$5 - \$1.5 = \$3.5

2. 12 cm : 72 km  
1 cm :  $\frac{72}{12}$  km

$\Rightarrow$  17 cm :  $6 \times 17 = 102$  km

3. 2004

2 ---  
2 004  
2 040  
2 400

4 ---  
4 200  
4 020  
4 002

2 x 33

if repetitions allowed

4. Lance, Sally, Joy, Fred

Teacher  $\rightarrow$  3.

4 possible teams :-  
Lance, Sally, Joy  
Lance, Sally, Fred  
Lance, Joy, Fred  
Sally, Joy, Fred

5.

Twelve friends met for dinner at Oscar's Overstuffed Oyster House, and each ordered one meal. The portions were so large, there was enough food for 18 people. If they shared, how many meals should they have ordered to have just enough food for the 12 of them?

Answer: 8

$$\frac{12 \text{ meal}}{18 \text{ people}} = \frac{x \text{ meal}}{12 \text{ people}}$$

$$\begin{aligned} \Rightarrow \frac{12}{18} &= \frac{x}{12} \Rightarrow 144 = 18x \\ \Rightarrow x &= \frac{144}{18} = 8 \end{aligned}$$