

Mult/Div

- ① Sarah is baking cookies for a bake sale at school. She plans to bake 132 cookies. Frozen cookie dough comes in packages of 12 cookies. How many packages of cookie dough does Sarah need?

Let x = packages of cookie dough

$$\begin{aligned} \text{Equation} &= 12x = 132 \\ \text{Solve} &= \frac{12x}{12} = \frac{132}{12} \end{aligned}$$

$$x = 11 \text{ packages}$$

- ② Tim's cell phone is billed every 30 days. He is charged for every text message he sends, but not for those he receives. His last bill showed that he had 780 text message charges. On average, how many text messages did Tim send each day?

Let x = # text messages

$$\begin{aligned} \text{Equation} &= 30x = 780 \\ \text{Solve} &= \frac{30x}{30} = \frac{780}{30} \end{aligned}$$

$$x = 26 \text{ messages}$$