



Santa's Competition (A)



Instructions: It isn't all work at Santa's workshop; Santa and his elves also have some fun. Every year, there is a math competition to keep everyone's brains sharp. Math skills are very important in running a toy factory from measuring parts to calculating sales amounts. See if you can complete the competition and beat the record time.

Record time: _____ (ask your teacher if it isn't already written down)

Start: Some easy ones to get you started.

$$\begin{array}{r} 3 \\ +6 \end{array}$$

$$\begin{array}{r} 12 \\ -7 \end{array}$$

$$\begin{array}{r} 7 \\ \times 4 \end{array}$$

$$\begin{array}{r} 36 \\ \div 6 \end{array}$$

Continue the pattern

8, 14, 20, 26, 32, _____, _____, _____

Now, answer this question,

Jessica, the head elf, needed 450 toys made in 5 days. How many toys would she need to schedule for each day? Show your work.

A few tougher ones,

$$\begin{array}{r} 97 \\ +54 \end{array}$$

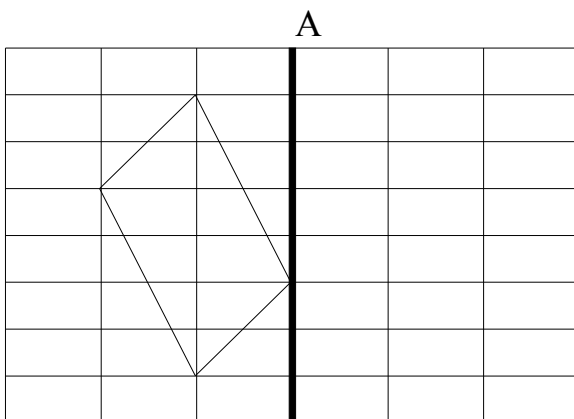
$$\begin{array}{r} 146 \\ -70 \end{array}$$

$$\begin{array}{r} 11 \\ \times 11 \end{array}$$

$$\begin{array}{r} 90 \\ \div 9 \end{array}$$

$$\frac{3}{4} + \frac{1}{4} = \frac{\square}{\square} = \square$$

And finally,



Reflect the quadrilateral over line A.

Your time: _____





Santa's Competition (A) Answers



Instructions: It isn't all work at Santa's workshop; Santa and his elves also have some fun. Every year, there is a math competition to keep everyone's brains sharp. Math skills are very important in running a toy factory from measuring parts to calculating sales amounts. See if you can complete the competition and beat the record time.

Record time: _____ (ask your teacher if it isn't already written down)

Start: Some easy ones to get you started.

$$\begin{array}{r} 3 \\ +6 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 12 \\ -7 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array}$$

$$\begin{array}{r} 36 \\ \div 6 \\ \hline 6 \end{array}$$

Continue the pattern
8, 14, 20, 26, 32, 38, 44, 50,

Now, answer this question,

Jessica, the head elf, needed 450 toys made in 5 days. How many toys would she need to schedule for each day? Show your work.

A few tougher ones,

$$\begin{array}{r} 97 \\ +54 \\ \hline 151 \end{array}$$

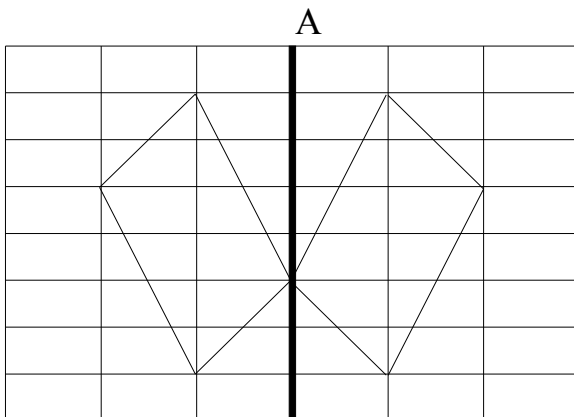
$$\begin{array}{r} 146 \\ -70 \\ \hline 76 \end{array}$$

$$\begin{array}{r} 11 \\ \times 11 \\ \hline 121 \end{array}$$

$$\begin{array}{r} 90 \\ \div 9 \\ \hline 10 \end{array}$$

$$\frac{3}{4} + \frac{1}{4} = \frac{4}{4} = 1$$

And finally,



Reflect the quadrilateral over line A.

Your time: _____

