

Word problems — Ratio and proportion

Name: _____

Date: _____

Read each problem. Write the answer.

- 1 A pump moves 180 liters every 4 minutes.

At that rate, how long will it take to move 135 liters? $180 \div 4 = 45$, then $135 \div 45 =$
3 minutes

- 2 A printer can print 150 pages in 2 minutes.

At the same rate, how many pages would it print in 3 minutes? ____

- 3 A pump can move 225 liters in 3 minutes.

At the same rate, how many liters would it move in 2 minutes? ____

- 4 A printer prints 75 pages in 3 minutes.

At the same rate, how long would it take to print 150 pages? ____



Word problems · Ratio and proportion — Answer key

1. $180 \div 4 = 45$, then $135 \div 45 = 3$ minutes

2. $150 \div 2 = 75$, then $75 \times 3 = 225$ pages

3. $225 \div 3 = 75$, then $75 \times 2 = 150$ liters

4. $75 \div 3 = 25$, then $150 \div 25 = 6$ minutes