

In 1-6, find the missing number that will make each expression a true proportion. Use the equivalent ratio method.

1. $\frac{4}{5} = \frac{?}{45}$

2. $\frac{?}{60} = \frac{3}{12}$

3. $\frac{12}{13} = \frac{24}{?}$

4. $3 : 13 = ? : 39$

5. $? : 48 = 5 : 12$

6. $8 : 9 = 56 : ?$

In 7-12, find the missing number. Use the proportion method.

7. $\frac{3}{11} = \frac{?}{2,695}$

8. $\frac{5}{9} = \frac{1,315}{?}$

9. $\frac{6}{?} = \frac{1,326}{1,547}$

10. $4 : ? = 920 : 2,070$

11. $7 : 15 = ? : 1,650$

12. $7 : 12 = 2,275 : ?$

In 13-17, find the missing measurements.

	Scale	Measurement on Scale Drawing	Actual Measurement or Distance
13.	$\frac{1}{4}$ in. = 12 ft.	$2\frac{1}{4}$ in.	
14.	$\frac{1}{2}$ cm = 75 km		525 km
15.	$\frac{1}{2}$ in. = $\frac{1}{16}$ in.		$1\frac{3}{16}$ in.
16.	$\frac{1}{8}$ in. = 3 ft.	$5\frac{3}{4}$ in.	
17.	1 in. = 150 mi.		675 mi.