

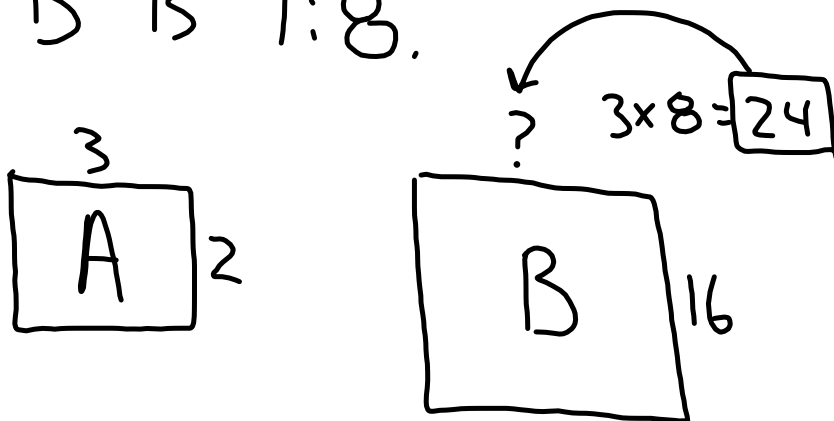
Sore Dancers

1. Maybe, TBT
2. Maybe, TTT
3. Maybe
4. Maybe
- 5 11
- 6 11
7. Maybe, BBB
8. Maybe

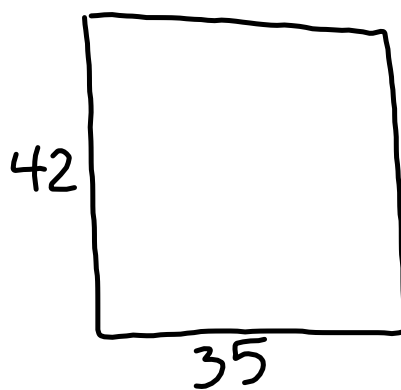
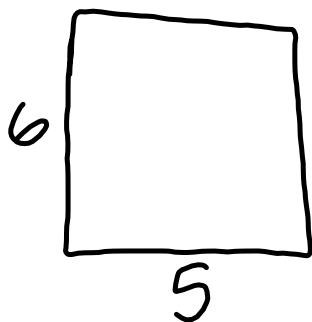
Notes March 1

Scale Factors show how much an image is increased or decreased.

The scale from Object A to Object B is 1:8.

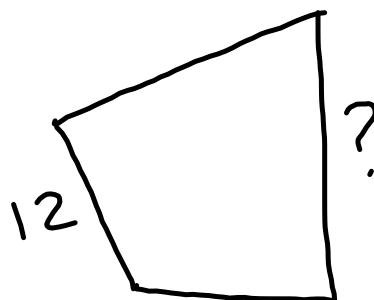
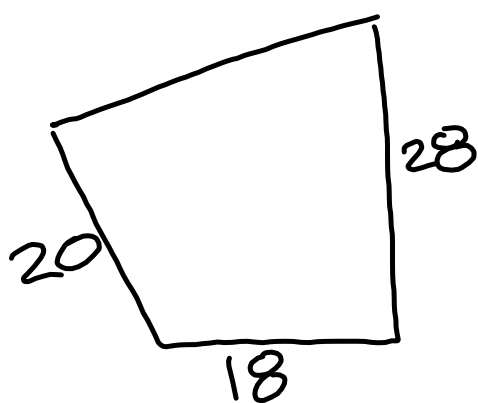


Determine the Scale Factor



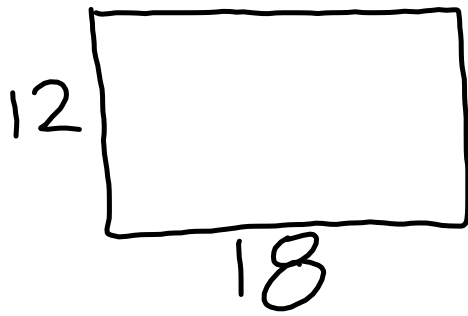
$$S.F. = \frac{42}{6} \text{ or } \frac{35}{5} = 7$$

$$1:7$$



$$\frac{?}{28} = \frac{12 \cdot 28}{20}$$

$$? = 16.8$$



Solve for X

$$\frac{?}{18} = \frac{36}{12}$$

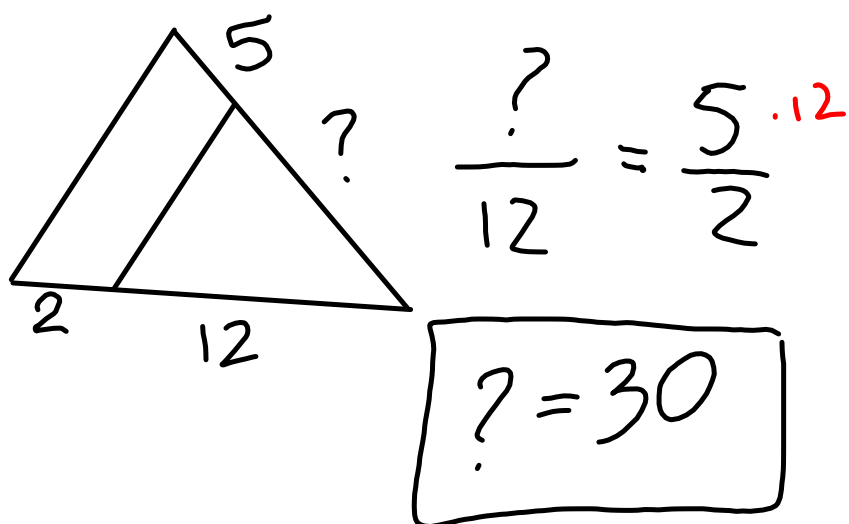
$$? = 54$$

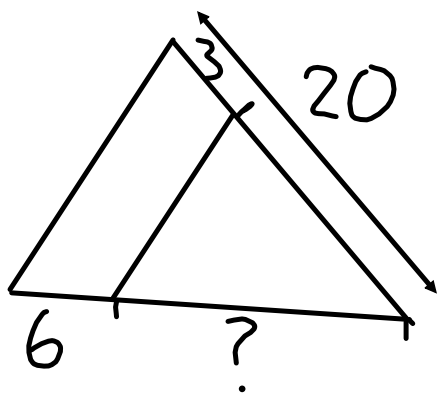
$$6x - \cancel{6} = 54$$

$+6 \quad +6$

$$\frac{6x}{6} = \frac{60}{6}$$

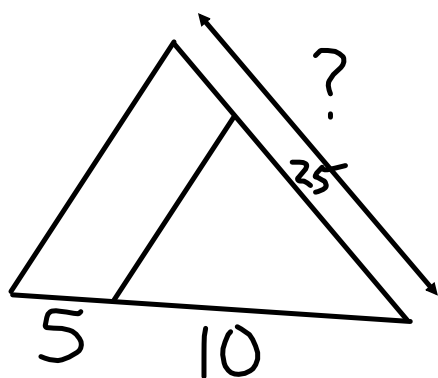
$$x = 10$$





$$\frac{?}{\cancel{20-3}} = \frac{6}{3} \cdot 17$$

$$? = 34$$



$$\frac{?}{10+5} = \frac{25}{10} \cdot 15$$

$$? = 37.5$$

