

Name : _____

Score : _____

Reduce the Ratio

Easy: S1

A) Reduce each ratio to its lowest term.

1) $8 : 12 = \boxed{}$

2) $15 : 9 = \boxed{}$

3) $24 : 18 = \boxed{}$

4) $16 : 14 = \boxed{}$

5) $15 : 45 = \boxed{}$

6) $2 : 4 = \boxed{}$

B) Write each ratio in its simplest form.

1) $24 \text{ m} : 12 \text{ m} = \underline{\hspace{2cm}}$

2) $8 \text{ yd} : 32 \text{ yd} = \underline{\hspace{2cm}}$

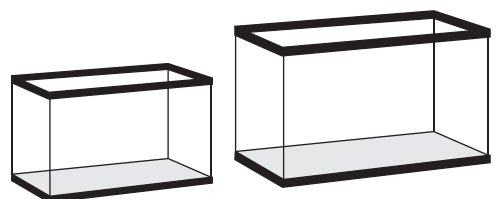
3) $15 \text{ in} : 18 \text{ in} = \underline{\hspace{2cm}}$

4) $12 \text{ qt} : 4 \text{ qt} = \underline{\hspace{2cm}}$

5) $2 \text{ pt} : 10 \text{ pt} = \underline{\hspace{2cm}}$

6) $22 \text{ gal} : 6 \text{ gal} = \underline{\hspace{2cm}}$

C) Evelyn bought two fish tanks with the capacity of 15 gallons and 30 gallons each. Write the ratio of the capacity of the smaller tank to the capacity of the larger tank. Reduce the ratio to its lowest term.



Answer Key**Reduce the Ratio**

Easy: S1

A) Reduce each ratio to its lowest term.

1) $8 : 12 = \boxed{2 : 3}$

2) $15 : 9 = \boxed{5 : 3}$

3) $24 : 18 = \boxed{4 : 3}$

4) $16 : 14 = \boxed{8 : 7}$

5) $15 : 45 = \boxed{1 : 3}$

6) $2 : 4 = \boxed{1 : 2}$

B) Write each ratio in its simplest form.

1) $24 \text{ m} : 12 \text{ m} = \underline{2 \text{ m} : 1 \text{ m}}$

2) $8 \text{ yd} : 32 \text{ yd} = \underline{1 \text{ yd} : 4 \text{ yd}}$

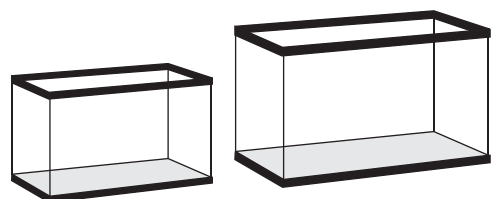
3) $15 \text{ in} : 18 \text{ in} = \underline{5 \text{ in} : 6 \text{ in}}$

4) $12 \text{ qt} : 4 \text{ qt} = \underline{3 \text{ qt} : 1 \text{ qt}}$

5) $2 \text{ pt} : 10 \text{ pt} = \underline{1 \text{ pt} : 5 \text{ pt}}$

6) $22 \text{ gal} : 6 \text{ gal} = \underline{11 \text{ gal} : 3 \text{ gal}}$

C) Evelyn bought two fish tanks with the capacity of 15 gallons and 30 gallons each. Write the ratio of the capacity of the smaller tank to the capacity of the larger tank. Reduce the ratio to its lowest term.



$$\underline{15 \text{ gal} : 30 \text{ gal} = 1 \text{ gal} : 2 \text{ gal}}$$