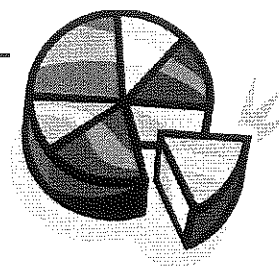


ANSWER KEY

Simplifying Fractions



Simplify each fraction.

a. $\frac{2}{8} = \frac{1}{4}$

b. $\frac{4}{10} = \frac{2}{5}$

c. $\frac{3}{6} = \frac{1}{2}$

d. $\frac{4}{12} = \frac{1}{3}$

e. $\frac{7}{14} = \frac{1}{2}$

f. $\frac{2}{20} = \frac{1}{10}$

g. $\frac{3}{9} = \frac{1}{3}$

h. $\frac{6}{9} = \frac{2}{3}$

i. $\frac{8}{10} = \frac{4}{5}$

j. $\frac{5}{15} = \frac{1}{3}$

k. $\frac{8}{72} = \frac{1}{9}$

l. $\frac{5}{20} = \frac{1}{4}$

m. $\frac{4}{6} = \frac{2}{3}$

n. $\frac{21}{28} = \frac{3}{4}$

o. $\frac{4}{18} = \frac{2}{9}$

p. $\frac{33}{55} = \frac{3}{5}$

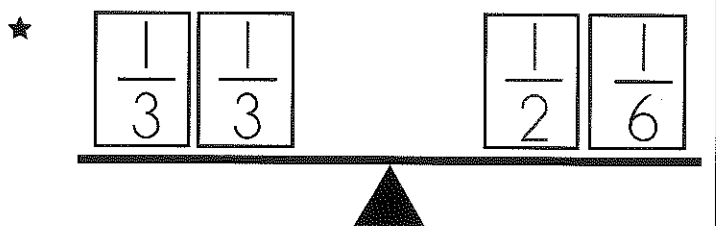
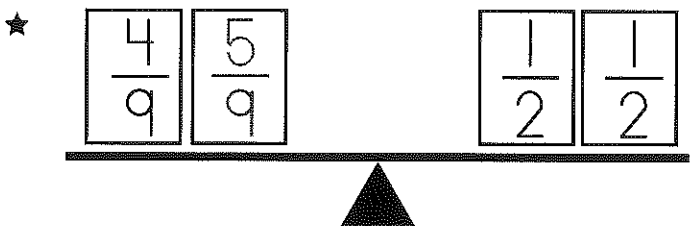
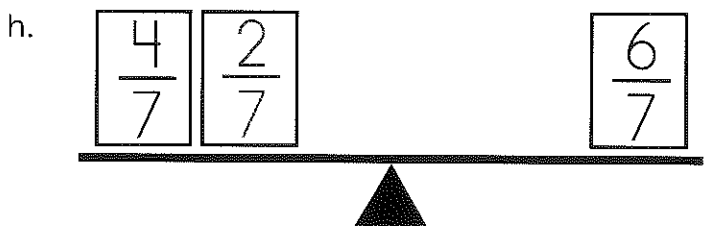
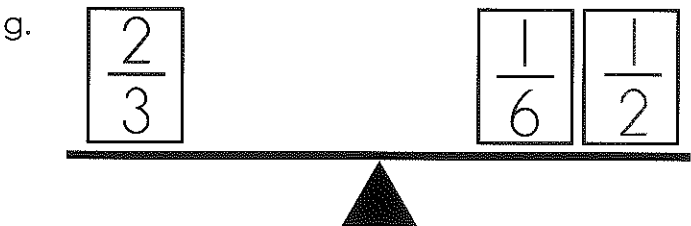
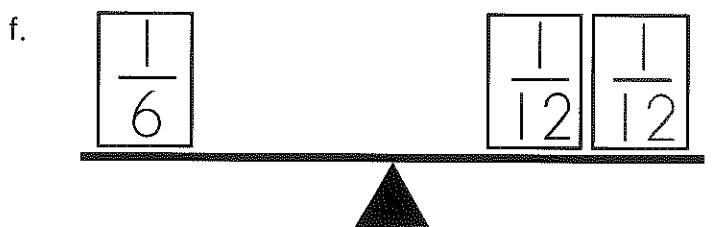
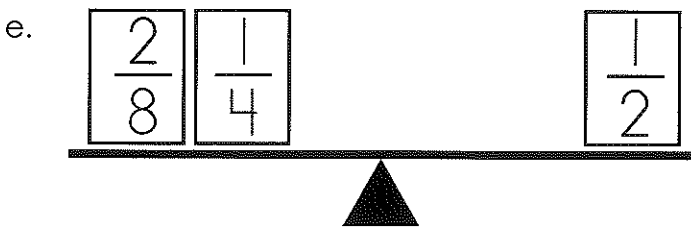
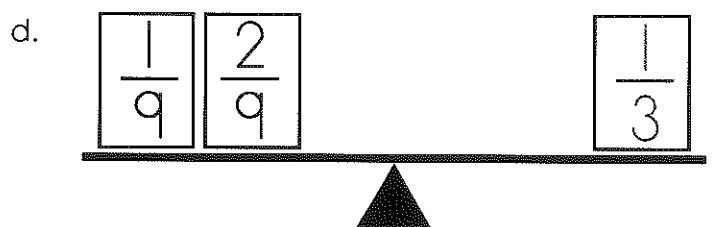
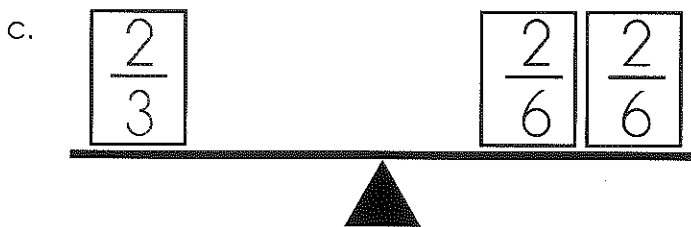
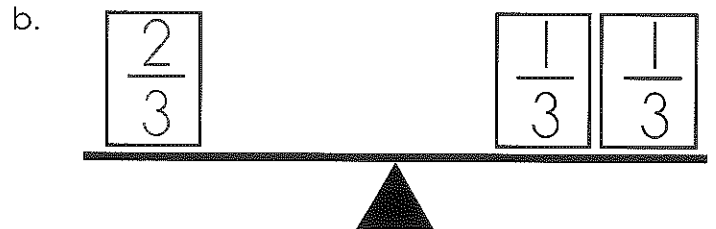
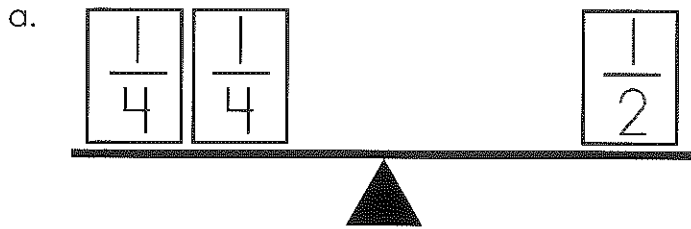
q. What is $\frac{3}{18}$ written in simplest form? Explain how you found your answer.

The answer is $\frac{1}{6}$. To find the simplest form of a fraction, you determine the greatest common factor of the numerator and the denominator. (The GCF is 3). Divide both numbers by the greatest common factor. $3 \div 3 = 1$ $18 \div 3 = 6$. So the answer is $\frac{1}{6}$

ANSWER KEY

Balance the Scales

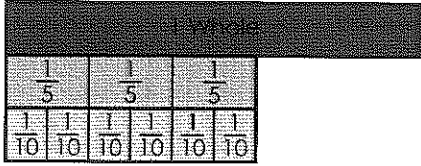
Make the scales balance by filling in the correct fractions.



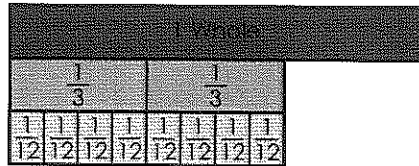
ANSWER KEY

Fractions

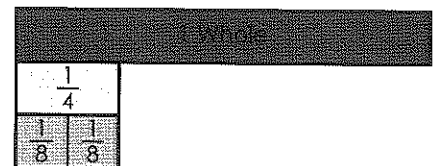
Fill in the missing numerator from each fraction.



$$\frac{3}{5} = \frac{6}{10}$$

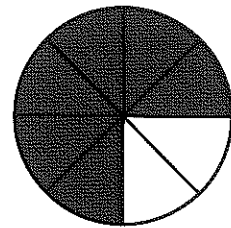
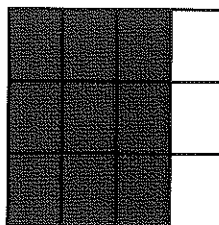


$$\frac{2}{3} = \frac{8}{12}$$

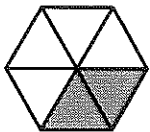


$$\frac{1}{4} = \frac{2}{8}$$

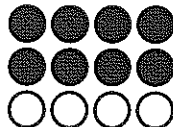
Color $\frac{3}{4}$ of each shape.



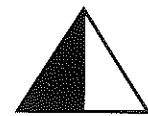
Write three equivalent fractions for the shaded portion of each illustration.



$$\frac{1}{3} = \frac{2}{6} = \frac{4}{12}$$



$$\frac{2}{3} = \frac{4}{6} = \frac{3}{9}$$



$$\frac{1}{2} = \frac{6}{12} = \frac{2}{4}$$

Circle the fractions that are in simplest form. Write the simplest form of each fraction that can be simplified.

$$\frac{1}{4}$$

$$\frac{6}{8} \quad \frac{3}{4}$$

$$\frac{6}{12} \quad \frac{1}{2}$$

$$\frac{2}{3}$$

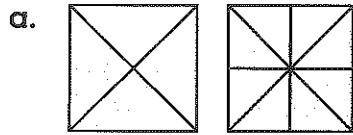
$$\frac{4}{10} \quad \frac{2}{5}$$

$$\frac{5}{8}$$

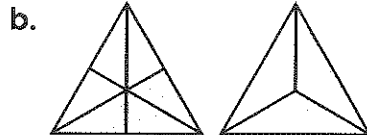
ANSWER KEY

Equivalent Fractions

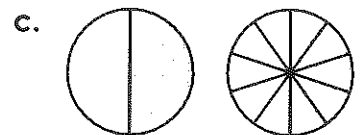
Fill in the missing fraction parts.



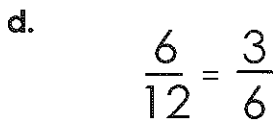
$$\frac{3}{4} = \frac{6}{8}$$



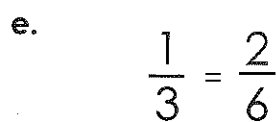
$$\frac{4}{6} = \frac{2}{3}$$



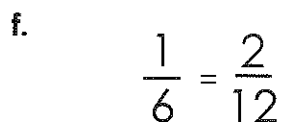
$$\frac{1}{2} = \frac{5}{10}$$



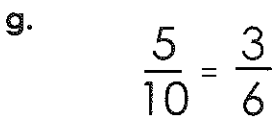
$$\frac{6}{12} = \frac{3}{6}$$



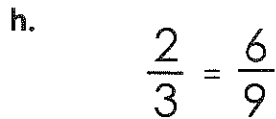
$$\frac{1}{3} = \frac{2}{6}$$



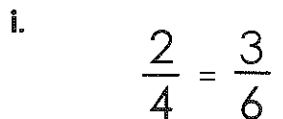
$$\frac{1}{6} = \frac{2}{12}$$



$$\frac{5}{10} = \frac{3}{6}$$



$$\frac{2}{3} = \frac{6}{9}$$



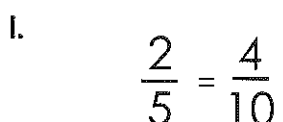
$$\frac{2}{4} = \frac{3}{6}$$



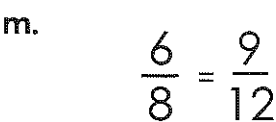
$$\frac{1}{4} = \frac{3}{12}$$



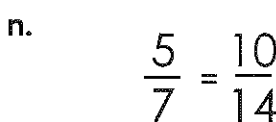
$$\frac{6}{9} = \frac{2}{3}$$



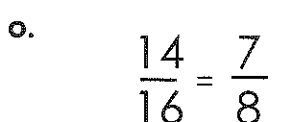
$$\frac{2}{5} = \frac{4}{10}$$



$$\frac{6}{8} = \frac{9}{12}$$



$$\frac{5}{7} = \frac{10}{14}$$



$$\frac{14}{16} = \frac{7}{8}$$