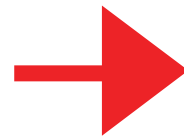
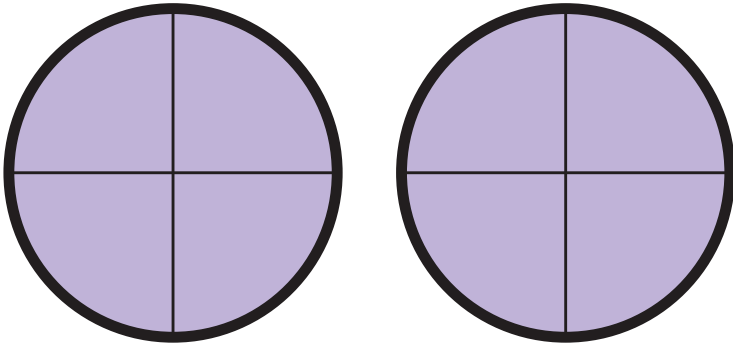


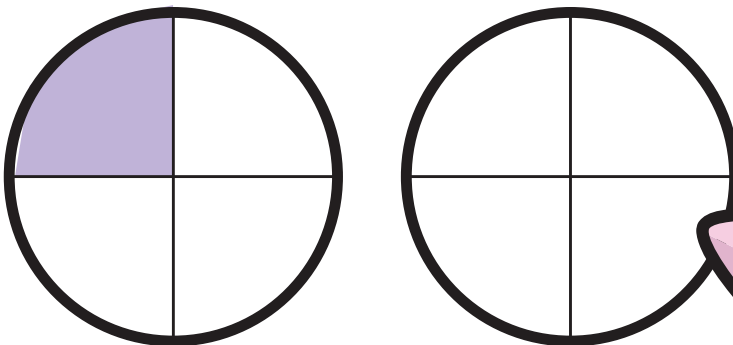
Fun with Fractions

4th
Grade

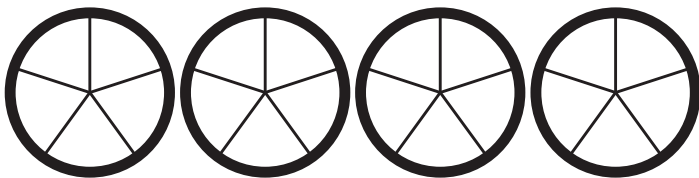
$$\frac{9}{4}$$



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



$$\frac{9}{5}$$



$$\frac{10}{3}$$

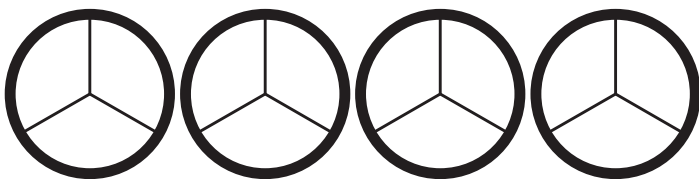


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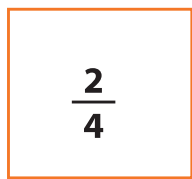
Certificate of Completion
Answer Sheets

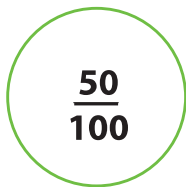
** Has an Answer Sheet*

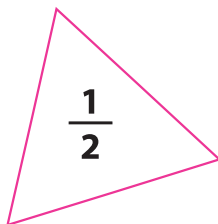
Want more workbooks? Join Education.com Plus to save time and money.
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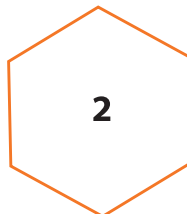
Odd One Out: Practicing Fractions

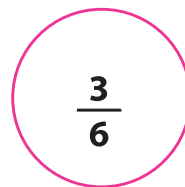
In each line there is one shape whose value is not equal to the others. Color it in.

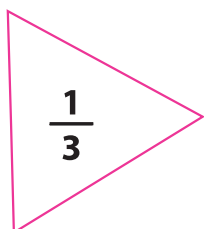

$$\frac{2}{4}$$

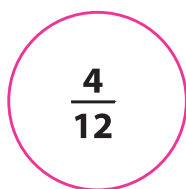

$$\frac{50}{100}$$

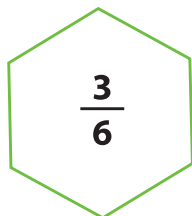

$$\frac{1}{2}$$

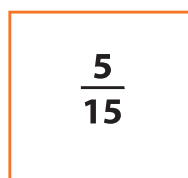

$$2$$

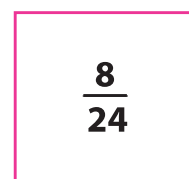

$$\frac{3}{6}$$

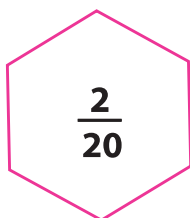

$$\frac{1}{3}$$

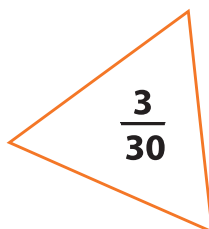

$$\frac{4}{12}$$

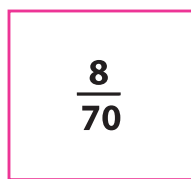

$$\frac{3}{6}$$

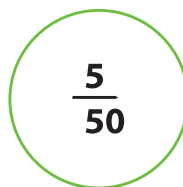

$$\frac{5}{15}$$

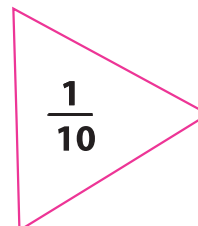

$$\frac{8}{24}$$


$$\frac{2}{20}$$

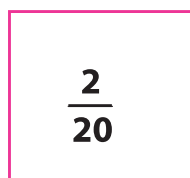

$$\frac{3}{30}$$

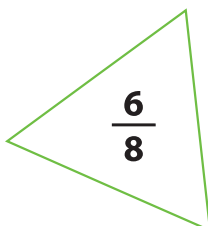

$$\frac{8}{70}$$


$$\frac{5}{50}$$

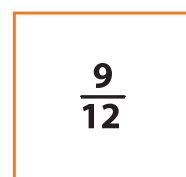

$$\frac{1}{10}$$

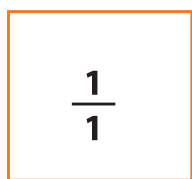

$$\frac{15}{20}$$

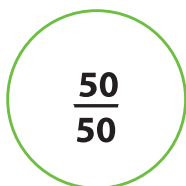

$$\frac{2}{20}$$

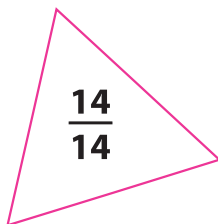

$$\frac{6}{8}$$

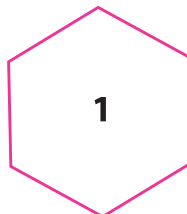

$$\frac{3}{4}$$

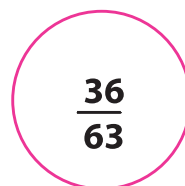

$$\frac{9}{12}$$

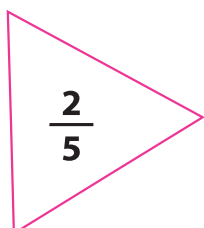

$$\frac{1}{1}$$

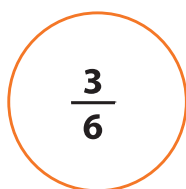

$$\frac{50}{50}$$

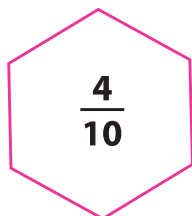

$$\frac{14}{14}$$


$$1$$

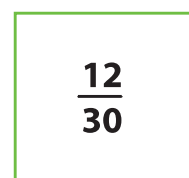

$$\frac{36}{63}$$


$$\frac{2}{5}$$


$$\frac{3}{6}$$

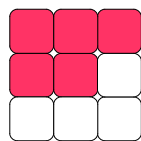
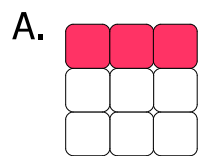

$$\frac{4}{10}$$


$$\frac{10}{25}$$

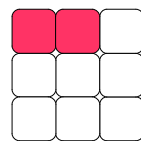
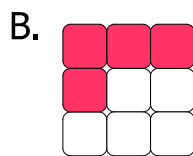

$$\frac{12}{30}$$

Fraction Addition

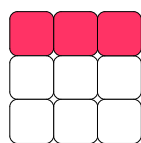
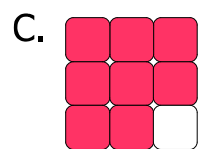
Write the fraction of the colored boxes in the space provided and then add the fractions together.



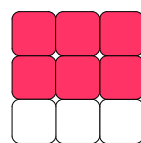
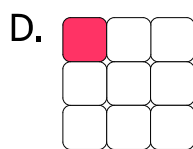
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

Complete the addition of the fractions below.

E. $\frac{5}{6} + \frac{7}{12} =$

F. $\frac{3}{5} + \frac{4}{10} =$

G. $\frac{2}{4} + \frac{6}{8} =$

H. $\frac{1}{3} + \frac{8}{9} =$

I. $\frac{3}{4} + \frac{5}{6} =$

J. $\frac{2}{3} + \frac{4}{5} =$



Simple Sherwin's Simple Fractions

Simple Sherwin likes everything around him to be neat and simple. Help him rewrite these fractions in their most simplified form.

Example:

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

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

$$\frac{4}{6} = \frac{\quad}{\quad} \quad \frac{2}{10} = \frac{\quad}{\quad} \quad \frac{21}{28} = \frac{\quad}{\quad} \quad \frac{10}{15} = \frac{\quad}{\quad} \quad \frac{6}{18} = \frac{\quad}{\quad}$$

$$\frac{4}{8} = \frac{\quad}{\quad} \quad \frac{16}{20} = \frac{\quad}{\quad} \quad \frac{7}{14} = \frac{\quad}{\quad} \quad \frac{6}{15} = \frac{\quad}{\quad} \quad \frac{12}{20} = \frac{\quad}{\quad}$$





Simple Sylvia's Simple Fractions

Simple Sylvia likes everything around her to be neat and simple. Help her rewrite these fractions in their most simplified form.

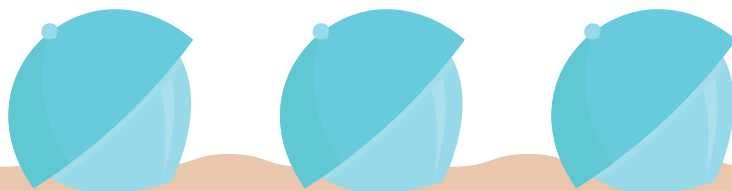
Example:

$$\frac{12}{15} = \frac{4}{5}$$

$$\frac{12 \div 3}{15 \div 3} = \frac{4}{5}$$

$$\frac{2}{8} = \frac{\quad}{\quad} \quad \frac{10}{15} = \frac{\quad}{\quad} \quad \frac{6}{12} = \frac{\quad}{\quad} \quad \frac{21}{28} = \frac{\quad}{\quad} \quad \frac{3}{6} = \frac{\quad}{\quad}$$

$$\frac{5}{15} = \frac{\quad}{\quad} \quad \frac{8}{20} = \frac{\quad}{\quad} \quad \frac{3}{12} = \frac{\quad}{\quad} \quad \frac{2}{10} = \frac{\quad}{\quad} \quad \frac{14}{21} = \frac{\quad}{\quad}$$





Simple Scooter's Simple Fractions

Simple Scooter likes everything around him to be neat and simple. Help him rewrite these fractions in their most simplified form.

Example:

$$\frac{10}{15} = \frac{2}{3}$$

$$\frac{10 \div 5}{15 \div 5} = \frac{2}{3}$$

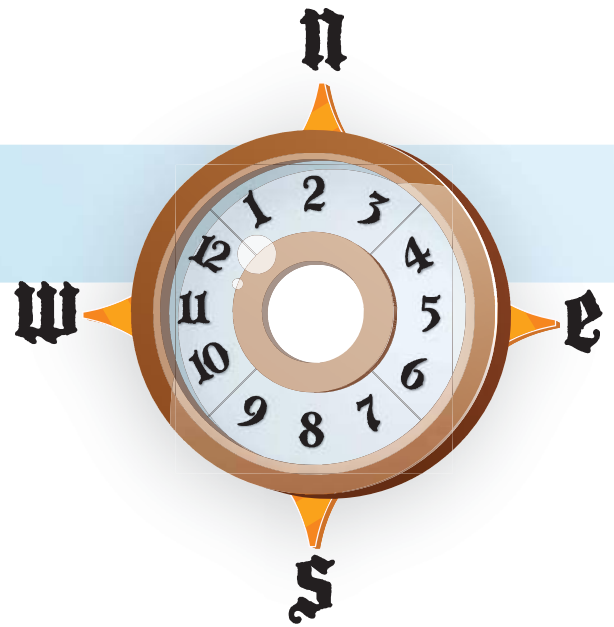
$$\frac{12}{16} = \frac{\quad}{\quad} \quad \frac{3}{15} = \frac{\quad}{\quad} \quad \frac{8}{10} = \frac{\quad}{\quad} \quad \frac{2}{4} = \frac{\quad}{\quad} \quad \frac{18}{24} = \frac{\quad}{\quad}$$

$$\frac{14}{21} = \frac{\quad}{\quad} \quad \frac{4}{16} = \frac{\quad}{\quad} \quad \frac{6}{9} = \frac{\quad}{\quad} \quad \frac{7}{28} = \frac{\quad}{\quad} \quad \frac{20}{25} = \frac{\quad}{\quad}$$





Steer & Simplify #1



Navigate the treacherous seas by simplifying the following fractions. Use the compass on the right to guide you. Start at the red arrow and go north, south, east or west to the next square with each fraction you reduce. Draw a line to track your journey. Show your work.

Compass Instructions: Once you reduce a fraction completely, look at its denominator and then find that number on the compass and move in the direction it points.

$$\frac{9}{54} = \underline{\hspace{2cm}} \quad \frac{6}{15} = \underline{\hspace{2cm}} \quad \frac{6}{8} = \underline{\hspace{2cm}} \quad \frac{27}{45} = \underline{\hspace{2cm}}$$

$$\frac{16}{24} = \underline{\hspace{2cm}} \quad \frac{24}{27} = \underline{\hspace{2cm}} \quad \frac{35}{84} = \underline{\hspace{2cm}} \quad \frac{18}{60} = \underline{\hspace{2cm}}$$

$$\frac{15}{30} = \underline{\hspace{2cm}} \quad \frac{5}{40} = \underline{\hspace{2cm}} \quad \frac{32}{40} = \underline{\hspace{2cm}} \quad \frac{4}{6} = \underline{\hspace{2cm}}$$

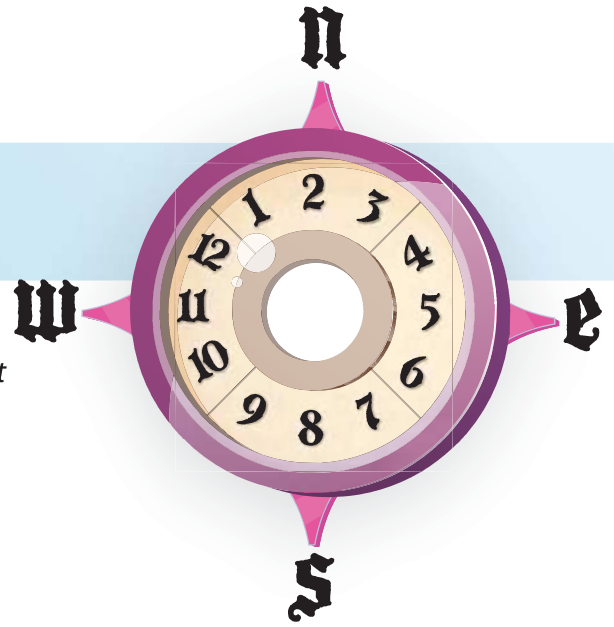
$$\frac{9}{18} = \underline{\hspace{2cm}} \quad \frac{28}{40} = \underline{\hspace{2cm}} \quad \frac{9}{27} = \underline{\hspace{2cm}} \quad \frac{40}{55} = \frac{8}{11}$$

11 is between 9 and 12,
so go west





Steer & Simplify #3



Navigate the treacherous seas by simplifying the following fractions. Use the compass on the right to guide you. Start at the red arrow and go north, south, east or west to the next square with each fraction you reduce. Draw a line to track your journey. Show your work.

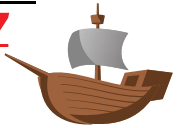
Compass Instructions: Once you reduce a fraction completely, look at its denominator and then find that number on the compass and move in the direction it points.

$$\frac{15}{40} = \frac{\quad}{\quad}$$

$$\frac{27}{90} = \frac{\quad}{\quad}$$

$$\frac{5}{60} = \frac{\quad}{\quad}$$

$$\frac{12}{42} \begin{matrix} +6 \\ +6 \end{matrix} = \frac{2}{7}$$



$$\frac{12}{30} = \frac{\quad}{\quad}$$

$$\frac{27}{72} = \frac{\quad}{\quad}$$

$$\frac{8}{16} = \frac{\quad}{\quad}$$

$$\frac{7}{63} = \frac{\quad}{\quad}$$



$$\frac{2}{16} = \frac{\quad}{\quad}$$

$$\frac{30}{55} = \frac{\quad}{\quad}$$

$$\frac{7}{14} = \frac{\quad}{\quad}$$

$$\frac{15}{24} = \frac{\quad}{\quad}$$

$$\frac{11}{55} = \frac{\quad}{\quad}$$

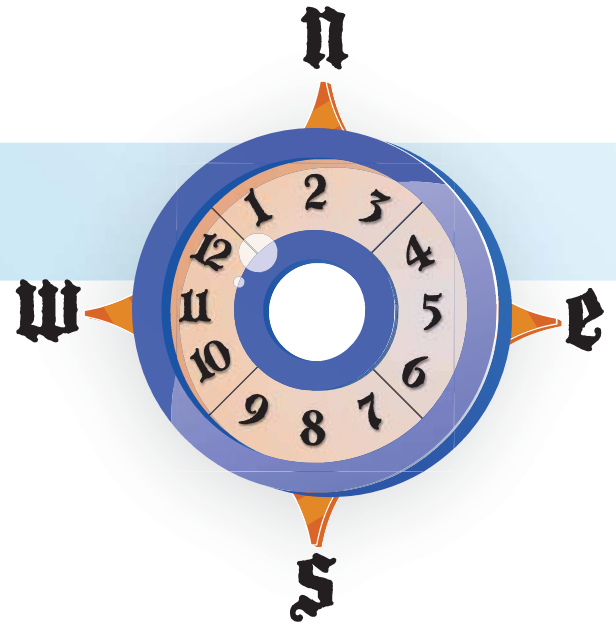
$$\frac{12}{54} = \frac{\quad}{\quad}$$

$$\frac{8}{12} = \frac{\quad}{\quad}$$

$$\frac{49}{70} = \frac{\quad}{\quad}$$



Steer & Simplify #4



Navigate the treacherous seas by simplifying the following fractions. Use the compass on the right to guide you. Start at the red arrow and go north, south, east or west to the next square with each fraction you reduce. Draw a line to track your journey. Show your work.

Compass Instructions: Once you reduce a fraction completely, look at its denominator and then find that number on the compass and move in the direction it points.

$$\frac{4}{20} = \underline{\hspace{2cm}} \quad \frac{6}{36} = \underline{\hspace{2cm}} \quad \frac{18}{45} = \underline{\hspace{2cm}} \quad \frac{7}{49} = \underline{\hspace{2cm}}$$

$$\frac{4}{6} = \underline{\hspace{2cm}} \quad \frac{10}{14} = \underline{\hspace{2cm}} \quad \frac{27}{90} = \underline{\hspace{2cm}} \quad \frac{25}{55} = \underline{\hspace{2cm}}$$

$$\frac{3}{9} = \underline{\hspace{2cm}} \quad \frac{24}{27} = \underline{\hspace{2cm}} \quad \frac{20}{25} = \underline{\hspace{2cm}} \quad \frac{15}{21} = \underline{\hspace{2cm}}$$

$$\frac{10 \div 5}{15 \div 5} = \frac{2}{3} \quad \frac{9}{45} = \underline{\hspace{2cm}} \quad \frac{4}{8} = \underline{\hspace{2cm}} \quad \frac{35}{45} = \underline{\hspace{2cm}}$$

