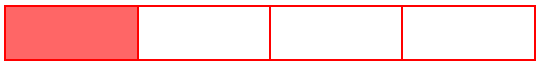
SKILL BOOSTERS: FRACTION CONCEPTS
PRE-ASSESSMENT

Answer Key

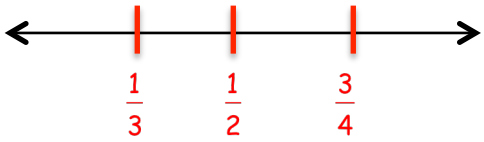
1. Write $4 \div 10$ in three different ways.

$\frac{4}{10}$ $10\overline{)4}$ 4 divided by 10

2. Draw a picture of $\frac{1}{4}$ using an area model.



3. Place $\frac{1}{2}$, $\frac{1}{3}$, and $\frac{3}{4}$ on the number line. Explain your reasoning.



4. Show that $\frac{1}{2}=\frac{2}{4}$ using a diagram.

5. Find n: $\frac{3}{4}=\frac{n}{12}$. Show your work.

$\frac{3}{4}\cdot\frac{3}{3}=\frac{9}{12}$ $n = 9$

6. Write $\frac{20}{24}$ in simplest form. Show your work.

$\frac{20}{24} \div \frac{4}{4} = \frac{5}{6}$

7. Write $3\frac{3}{4}$ as a sum.

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

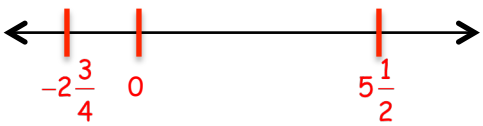
8. Write $3\frac{3}{4}$ as an improper fraction.

$\frac{15}{4}$

9. Write $\frac{8}{3}$ as a mixed number and as a sum.

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

10. Locate $5\frac{1}{2}$ and $-2\frac{3}{4}$ on the number line.



SKILL BOOSTERS: FRACTION CONCEPTS
POST-ASSESSMENT

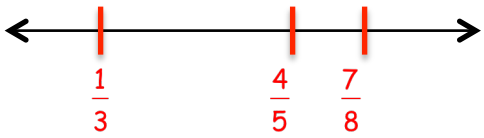
Answer Key

1. Write 7 divided by 8 in three different ways.

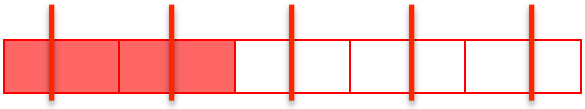
$\frac{7}{8}$ $8\overline{)7}$ $7 \div 8$

2. Draw a picture of $\frac{5}{8}$ using an area model.

3. Place $\frac{1}{3}$, $\frac{4}{5}$, $\frac{7}{8}$ on the number line. Explain your reasoning.



4. Show that $\frac{2}{5}=\frac{4}{10}$ using a diagram.



5. Find n: $\frac{5}{8}=\frac{n}{24}$. Show your work.

$\frac{5}{8} \cdot \frac{3}{3} = \frac{15}{24}$ $n = 15$

6. Write $\frac{28}{42}$ in simplest form. Show your work.

$\frac{28}{42} \div \frac{14}{14} = \frac{2}{3}$

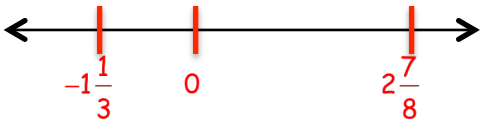
7. Write $4\frac{5}{8}$ as a sum.

$4 + \frac{5}{8}$

8. Write $4\frac{5}{8}$ as an improper fraction.

$\frac{37}{8}$

9. Write $\frac{18}{4}$ as a mixed number and as a sum.

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

10. Locate $2\frac{7}{8}$ and $-1\frac{1}{3}$ on the number line.