

Equivalent Fractions Greater Than 1

NCTM Standards 1, 2, 6, 7, 8, 9

1 Draw lines to match the equivalent numbers.

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

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

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

$$\frac{15}{6}$$

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

$$\frac{16}{12}$$

$$2\frac{9}{12}$$

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

$$4\frac{9}{12}$$

$$3\frac{3}{9}$$

Write three equivalent fractions or mixed numbers for each.

2

$$5\frac{2}{3} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

3

$$4\frac{3}{4} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

4

$$\frac{10}{4} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

5

$$\frac{19}{3} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

6

$$11\frac{1}{3} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

7

$$\frac{35}{4} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

8

$$\frac{56}{6} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

9

$$9\frac{5}{7} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

10

$$11\frac{7}{10} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

11

$$\frac{51}{8} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Solve the problem.

12 Anh and Maya were both braiding chains out of yarn. Anh's measured $4\frac{3}{8}$ feet long, and Maya's measured $4\frac{9}{16}$ feet long.

Whose chain is longer? Tell or show how you know.

13 Challenge

Which is bigger: $(9 + \frac{7}{4})$ or $(10 + \frac{3}{5})$?

How much bigger?