

# Varied Fluency

## Step 4: Compare Fractions

### National Curriculum Objectives:

Mathematics Year 3: (3F3) [Compare and order unit fractions, and fractions with the same denominators.](#)

Mathematics Year 3: (3F10) [Solve problems that involve the above.](#)

### Differentiation:

**Developing** Questions to support comparing unit fractions or fractions with the same denominator. Halves, quarters and thirds only. With pictorial support.

**Expected** Questions to support comparing unit fractions or fractions with the same denominator within twelfths. Some pictorial support.

**Greater Depth** Questions to support comparing unit fractions or fractions with the same denominator within twelfths using knowledge of equivalent fractions. Some pictorial support.

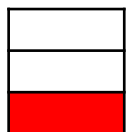
More [Year 3 Fractions](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

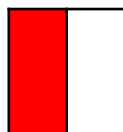
## Compare Fractions

1a. Which fraction is the largest? Circle your answer.

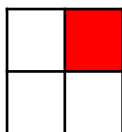
$$\frac{1}{3}$$



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



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



VF

## Compare Fractions

1b. Which fraction is the smallest? Circle your answer.

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



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



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



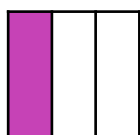
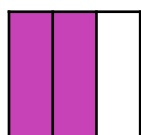
VF

2a. True or false?

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

>

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



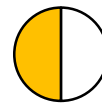
VF

2b. True or false?

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

>

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



VF

3a. Circle the fraction or fractions that are smaller than three quarters.

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



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



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



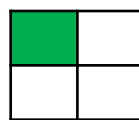
VF

3b. Circle the fraction or fractions that are larger than one half.

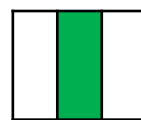
$$\frac{2}{2}$$



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

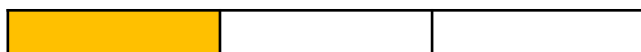


$$\frac{1}{3}$$



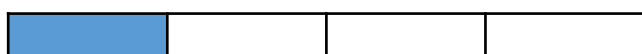
VF

4a. Which diagram shows the biggest fraction? Give your answer as a fraction.



VF

4b. Which diagram shows the smallest fraction? Give your answer as a fraction.

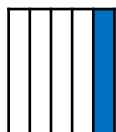


VF

## Compare Fractions

5a. Which fraction is the largest? Circle your answer.

$$\frac{1}{5}$$



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



$$\frac{1}{12}$$

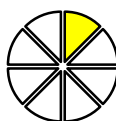


VF

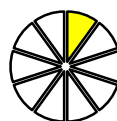
## Compare Fractions

5b. Which fraction is the smallest? Circle your answer.

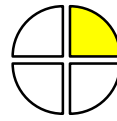
$$\frac{1}{8}$$



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



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



VF

6a. True or false?

$$\frac{5}{12} > \frac{9}{12}$$



VF

6b. True or false?

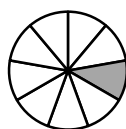
$$\frac{8}{9} > \frac{5}{9}$$



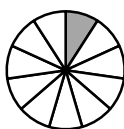
VF

7a. Circle the fraction or fractions that are larger than one eleventh.

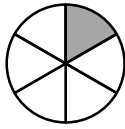
one ninth



$$\frac{1}{11}$$



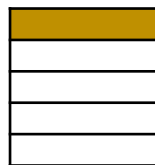
one sixth



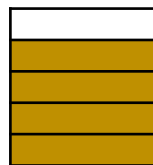
VF

7b. Circle the fraction or fractions that are smaller than three fifths.

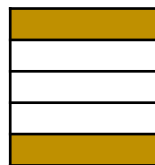
$$\frac{1}{5}$$



$$\frac{4}{5}$$

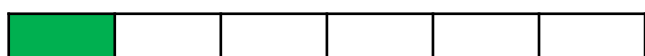
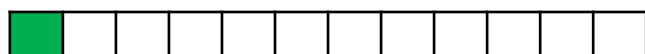
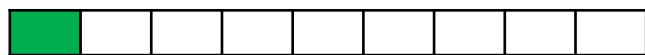
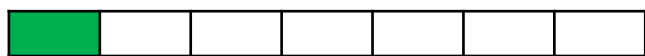


$$\frac{2}{5}$$



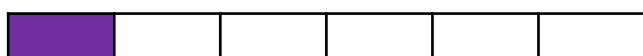
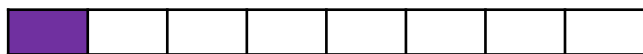
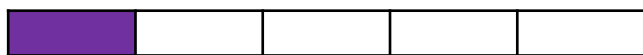
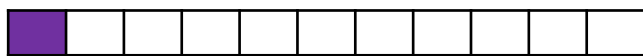
VF

8a. Which diagram shows the biggest fraction? Give your answer as a fraction.



VF

8b. Which diagram shows the smallest fraction? Give your answer as a fraction.



VF

## Compare Fractions

## Compare Fractions

9a. Which fraction is the largest? Circle your answer.

$$\frac{6}{12}$$

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

$$\frac{1}{6}$$



VF

9b. Which fraction is the smallest? Circle your answer.

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

$$\frac{8}{9}$$

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



VF

10a. True or false?

$$\frac{9}{12} > \frac{2}{4}$$



VF

10b. True or false?

$$\frac{2}{3} > \frac{5}{9}$$



VF

11a. Circle the fraction or fractions that are equal to one third.

six eighths

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

four twelfths



VF

11b. Circle the fraction or fractions that are equal to four fifths.

one twelfth

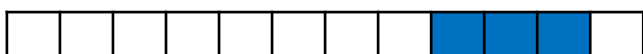
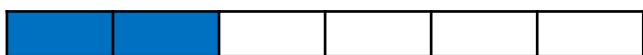
$$\frac{8}{10}$$

three quarters



VF

12a. Which diagram shows the biggest fraction? Give your answer as a fraction.



VF

12b. Which diagram shows the smallest fraction? Give your answer as a fraction.



VF

## Varied Fluency Compare Fractions

### Developing

1a.  $\frac{1}{2}$

2a. **True**

3a.  $\frac{1}{4}$  ;  $\frac{2}{4}$

4a.  $\frac{3}{3}$

### Expected

5a.  $\frac{1}{2}$

6a. **False**,  $\frac{5}{12} < \frac{9}{12}$

7a.  $\frac{1}{9}$  ;  $\frac{1}{6}$

8a.  $\frac{1}{6}$

### Greater Depth

9a.  $\frac{6}{12}$

10a. **True**

11a.  $\frac{2}{6}$  ; **four twelfths**

12a.  $\frac{4}{6}$

## Varied Fluency Compare Fractions

### Developing

1b.  $\frac{1}{3}$

2b. **False**,  $\frac{1}{4} < \frac{1}{2}$

3b.  $\frac{2}{2}$

4b.  $\frac{1}{4}$

### Expected

5b.  $\frac{1}{10}$

6b. **True**

7b.  $\frac{1}{5}$  ;  $\frac{2}{5}$

8b.  $\frac{1}{11}$

### Greater Depth

9b.  $\frac{4}{9}$

10b. **True**

11b.  $\frac{8}{10}$

12b.  $\frac{5}{12}$