

Mixed Review

ANSWER KEY

Grade 3 · Unit 5 · Fractions

Part A · Naming and shading.

1. $\frac{4}{6}$

What fraction is shaded? Bar in 6 equal parts, first 4 shaded (`fractionBar(6,[0,1,2,3])`)

2. Shade any 3 of the 8 parts

Shade $\frac{3}{8}$ of the bar. Blank bar in 8 equal parts (`shadeThisProblem(...,8)`)

3. $\frac{4}{4}$ (= 1 whole)

What fraction is shaded? Bar in 4 equal parts, all 4 shaded (`fractionBar(4,[0,1,2,3])`)

4. Shade any 1 of the 3 parts

Shade $\frac{1}{3}$ of the bar. Blank bar in 3 equal parts (`shadeThisProblem(...,3)`)

Part B · Equivalent fractions.

5. 3

$\frac{1}{2} = \frac{?}{6}$; ? = ___

6. 4

$\frac{2}{4} = \frac{?}{8}$; ? = ___

7. 2

$\frac{1}{3} = \frac{?}{6}$; ? = ___

8. 6

$\frac{3}{4} = \frac{?}{8}$; ? = ___

Part C · Compare with <, >, or =.

9. <

$\frac{3}{6}$ ___ $\frac{5}{6}$

10. >

$\frac{1}{3}$ ___ $\frac{1}{8}$

11. =

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

12. >

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

13. >

$\frac{5}{8}$ ___ $\frac{3}{8}$

14. =

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

Part D · Word problems.

15. $\frac{3}{8}$

Pizza cut into 8 equal slices; Jack eats 3. What fraction did he eat?

16. Sam ($\frac{2}{4} > \frac{1}{4}$)

Mia eats $\frac{1}{4}$ of a chocolate bar, Sam eats $\frac{2}{4}$. Who ate more?

Answers derived from the worksheet's own source data and independently re-checked.