

1 pint = 2 cups

1 Quart = 2 Pint

1 Gallon = 4 Quarts

1 Gallon = 8 Pints

So when converting

① Pints to cups $\rightarrow \times 2$

② cups to pints $\rightarrow \div 2$

③ Pints to Quart $\rightarrow \div 2$

④ Quarts to Pints $\rightarrow \times 2$

⑤ Quarts to Gallon $\rightarrow \div 4$

⑥ Gallons to Quarts $\rightarrow \times 4$

⑦ Pints to Gallon $\rightarrow \div 8$

⑧ Gallons to Pints $\rightarrow \times 8$

1 yard = 3 feet

1 yard = 36 inches

1 foot = 12 inches

1) yard $\xrightarrow{(\times 3)}$ feet

2) feet $\xrightarrow{(\div 3)}$ yard

3) feet $\xrightarrow{(\times 12)}$ inches

4) inches $\xrightarrow{(\div 12)}$ feet

Convert between cups, pints, quarts & gallons

Grade 2 Measurement Worksheet

Note: 1 gallon (gal) = 4 quarts (qt) = 8 pints (pt) = 16 cups (c)

Convert the given measures to new units.

1. 48 qt = _____ gal 2. 20 gal = _____ pt

3. 15 gal = _____ qt 4. 4 pt = _____ qt

5. 18 gal = _____ qt 6. 4 gal = _____ pt

7. 12 gal = _____ qt 8. 7 gal = _____ qt

9. 32 c = _____ qt 10. 12 gal = _____ pt

11. 64 pt = _____ gal 12. 14 gal = _____ qt

13. 12 c = _____ pt 14. 8 gal = _____ qt

15. 256 c = _____ gal 16. 17 gal = _____ qt

17. 6 pt = _____ c 18. 64 c = _____ qt

19. 19 qt = _____ pt 20. 13 pt = _____ c



Fill in the blank to make the conversion true.

- 1) 5 feet = _____ inches
- 2) 2 feet = _____ inches
- 3) 4 feet = _____ inches
- 4) 8 feet = _____ inches
- 5) 7 feet = _____ inches
- 6) 2 yards = _____ feet
- 7) 1 yard = _____ feet
- 8) 4 yards = _____ feet
- 9) 8 yards = _____ feet
- 10) 3 yards = _____ feet
- 11) _____ feet = 6 yards
- 12) _____ feet = 10 yards
- 13) _____ feet = 7 yards
- 14) _____ feet = 5 yards
- 15) _____ feet = 9 yards
- 16) _____ inches = 6 feet
- 17) _____ inches = 9 feet
- 18) _____ inches = 10 feet
- 19) _____ inches = 3 feet
- 20) _____ inches = 1 foot

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____

Name: _____

Fraction Word Problems: Simplest Form

Write the answer to each word problem in simplest form.

1. Tadashi had a veggie pizza that was cut into 8 equal pieces. He ate 2 pieces and left the other 6 in the box. What fraction of the pizza did he eat? **answer:**
2. Mrs. Selleck baked a cake and cut it into 10 equal pieces. Her family ate 6 pieces and she took the rest to her next-door neighbor. What fraction of the cake was given to her neighbor? **answer:**
3. Dr. Tinibu has 10 t-shirts. 2 of them are clean and 8 are dirty. What fraction of Dr. Tinibu's shirts are clean? **answer:**
4. Peppa has a carton with a dozen eggs in it. 6 eggs are brown. The rest are white. What fraction of her eggs are white? **answer:**
5. There are 20 horses at the Old West Ranch. 4 of them are in the barn. The rest are out in the field. What fraction of the horses are in the barn? **answer:**
6. Mr. Montinaro is reading a booklet with 15 pages in it. He is just finished reading page 10. What fraction of that pages does he still have to read? **answer:**
7. There are 9 jackets in the lost & found box. 2 jackets are green. 1 is red. The rest are black. What fraction of the jackets are black? **answer:**
8. Raúl had 8 pencils. 2 of them had been sharpened. The rest had not. What fraction of his pencils had not been sharpened? **answer:**
9. Hiro had a bowl with 12 apples in it. 5 apples were red. 3 apples were yellow. The rest were green. What fraction of his apples were green? **answer:**
10. Paul spelled 6 out of 16 words correctly on his spelling test. What fraction of the words did he misspell? **answer:**

Student Name: _____

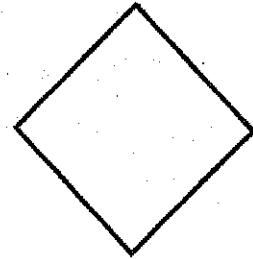
Score: _____

Fraction Activity Worksheet

1. Divide the rhombus into 4 equal parts. Shade 3 parts.

What part of fraction shaded? _____

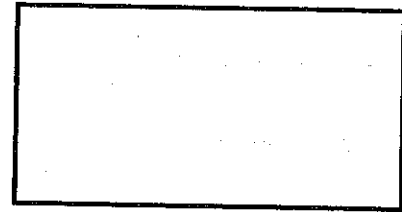
What part of fraction not shaded? _____



2. Divide the rectangle into 5 equal parts. Shade 2 parts.

What part of fraction shaded? _____

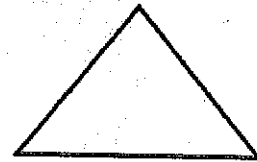
What part of fraction not shaded? _____



3. Divide the triangle into 2 equal parts. Shade 1 part.

What part of fraction shaded? _____

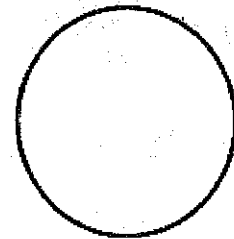
What part of fraction not shaded? _____



4. Divide the circle into 8 equal parts. Shade 5 parts.

What part of fraction shaded? _____

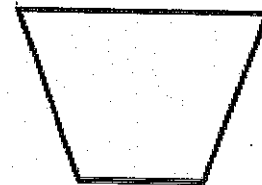
What part of fraction not shaded? _____



5. Divide the trapezoid into 2 equal parts. Shade 1 part.

What part of fraction shaded? _____

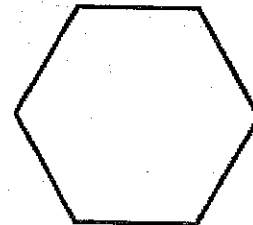
What part of fraction not shaded? _____



6. Divide the hexagon into 6 equal parts. Shade 5 parts.

What part of fraction shaded? _____

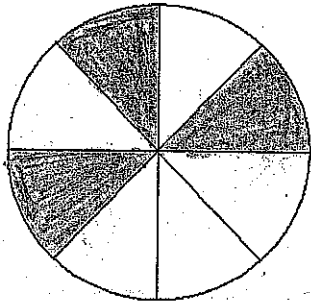
What part of fraction not shaded? _____



Student Name: _____

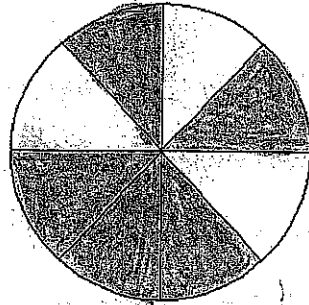
Score: _____

Write as Fraction



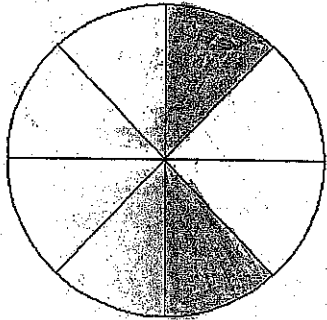
Shaded Part = _____

Unshaded Part = _____



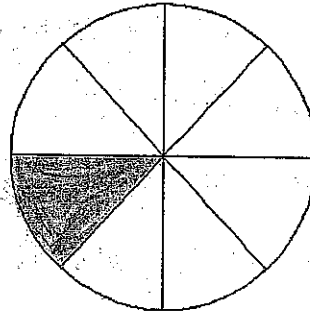
Shaded Part = _____

Unshaded Part = _____



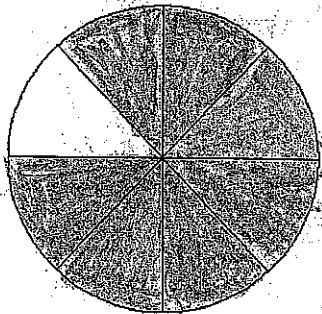
Shaded Part = _____

Unshaded Part = _____



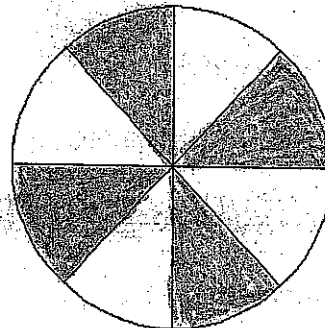
Shaded Part = _____

Unshaded Part = _____



Shaded Part = _____

Unshaded Part = _____



Shaded Part = _____

Unshaded Part = _____

Equivalent Fractions

example :-

1) $\frac{2}{5} = \frac{6}{15}$

Diagram: A circle with an equals sign in the center. The left side is $\frac{2}{5}$ and the right side is $\frac{6}{15}$. An arrow on top points from 2 to 6, with a box containing '3' above it and an 'x' to its left. An arrow on the bottom points from 5 to 15, with a box containing '3' below it and an 'x' to its left.

2) $\frac{1}{3} = \frac{\square}{6}$

Diagram: A circle with an equals sign in the center. The left side is $\frac{1}{3}$ and the right side is $\frac{\square}{6}$. An arrow on top points from 1 to \square , with a box above it and an 'x' to its left. An arrow on the bottom points from 3 to 6, with a box below it and an 'x' to its left.

3) $\frac{7}{4} = \frac{\square}{20}$

Diagram: A circle with an equals sign in the center. The left side is $\frac{7}{4}$ and the right side is $\frac{\square}{20}$. An arrow on top points from 7 to \square , with a box above it and an 'x' to its left. An arrow on the bottom points from 4 to 20, with a box below it and an 'x' to its left.

4) $\frac{5}{8} = \frac{30}{\square}$

Diagram: A circle with an equals sign in the center. The left side is $\frac{5}{8}$ and the right side is $\frac{30}{\square}$. An arrow on top points from 5 to 30, with a box above it and an 'x' to its left. An arrow on the bottom points from 8 to \square , with a box below it and an 'x' to its left.

5) $\frac{1}{2} = \frac{9}{\square}$

Diagram: A circle with an equals sign in the center. The left side is $\frac{1}{2}$ and the right side is $\frac{9}{\square}$. An arrow on top points from 1 to 9, with a box above it and an 'x' to its left. An arrow on the bottom points from 2 to \square , with a box below it and an 'x' to its left.

6) $\frac{9}{4} = \frac{\square}{16}$

Diagram: A circle with an equals sign in the center. The left side is $\frac{9}{4}$ and the right side is $\frac{\square}{16}$. An arrow on top points from 9 to \square , with a box above it and an 'x' to its left. An arrow on the bottom points from 4 to 16, with a box below it and an 'x' to its left.

7) $\frac{3}{5} = \frac{6}{\square}$

Diagram: A circle with an equals sign in the center. The left side is $\frac{3}{5}$ and the right side is $\frac{6}{\square}$. An arrow on top points from 3 to 6, with a box above it and an 'x' to its left. An arrow on the bottom points from 5 to \square , with a box below it and an 'x' to its left.

8) $\frac{5}{7} = \frac{\square}{21}$

Diagram: A circle with an equals sign in the center. The left side is $\frac{5}{7}$ and the right side is $\frac{\square}{21}$. An arrow on top points from 5 to \square , with a box above it and an 'x' to its left. An arrow on the bottom points from 7 to 21, with a box below it and an 'x' to its left.

9) $\frac{1}{4} = \frac{\square}{28}$

Diagram: A circle with an equals sign in the center. The left side is $\frac{1}{4}$ and the right side is $\frac{\square}{28}$. An arrow on top points from 1 to \square , with a box above it and an 'x' to its left. An arrow on the bottom points from 4 to 28, with a box below it and an 'x' to its left.

10) $\frac{8}{3} = \frac{40}{\square}$

Diagram: A circle with an equals sign in the center. The left side is $\frac{8}{3}$ and the right side is $\frac{40}{\square}$. An arrow on top points from 8 to 40, with a box above it and an 'x' to its left. An arrow on the bottom points from 3 to \square , with a box below it and an 'x' to its left.

Equivalent Fractions

Instructions: Find the missing numbers in the equivalent fractions below.

$$\frac{2}{\square} = \frac{4}{14}$$

$$\frac{3}{4} = \frac{9}{\square}$$

$$\frac{2}{4} = \frac{\square}{12}$$

$$\frac{\square}{8} = \frac{8}{32}$$

$$\frac{\square}{10} = \frac{12}{20}$$

$$\frac{\square}{5} = \frac{15}{25}$$

$$\frac{1}{4} = \frac{4}{\square}$$

$$\frac{3}{\square} = \frac{15}{25}$$

$$\frac{5}{11} = \frac{\square}{55}$$

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

$$\frac{1}{\square} = \frac{2}{6}$$

$$\frac{6}{\square} = \frac{24}{32}$$

$$\frac{1}{3} = \frac{\square}{15}$$

$$\frac{2}{4} = \frac{6}{\square}$$

$$\frac{5}{\square} = \frac{25}{35}$$

$$\frac{2}{\square} = \frac{8}{48}$$

$$\frac{3}{10} = \frac{9}{\square}$$

$$\frac{5}{\square} = \frac{10}{22}$$

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

$$\frac{\square}{8} = \frac{12}{24}$$

$$\frac{\square}{7} = \frac{25}{35}$$

$$\frac{8}{\square} = \frac{24}{33}$$

$$\frac{5}{\square} = \frac{25}{40}$$

$$\frac{4}{10} = \frac{16}{\square}$$

Mixed numbers to decimals

Grade 2 Fractions Worksheet

Convert.

1. $8 \frac{19}{100} =$ _____

2. $2 \frac{5}{10} =$ _____

3. $7 \frac{33}{100} =$ _____

4. $2 \frac{9}{10} =$ _____

5. $7 \frac{8}{10} =$ _____

6. $9 \frac{92}{100} =$ _____

7. $3 \frac{6}{10} =$ _____

8. $9 \frac{68}{100} =$ _____

9. $3 \frac{90}{100} =$ _____

10. $3 \frac{1}{10} =$ _____

11. $4 \frac{7}{10} =$ _____

12. $4 \frac{47}{100} =$ _____

13. $5 \frac{3}{10} =$ _____

14. $8 \frac{69}{100} =$ _____

15. $1 \frac{2}{10} =$ _____

16. $3 \frac{43}{100} =$ _____

17. $6 \frac{3}{10} =$ _____

18. $1 \frac{91}{100} =$ _____

19. $3 \frac{3}{10} =$ _____

20. $5 \frac{34}{100} =$ _____

21. $1 \frac{13}{100} =$ _____

Convert decimals to mixed numbers.

Grade 2 Fractions Worksheet

Convert.

1. $6.76 =$ _____

2. $1.9 =$ _____

3. $7.7 =$ _____

4. $4.15 =$ _____

5. $5.9 =$ _____

6. $4.43 =$ _____

7. $2.26 =$ _____

8. $6.9 =$ _____

9. $9.2 =$ _____

10. $5.65 =$ _____

11. $9.4 =$ _____

12. $9.33 =$ _____

13. $8.4 =$ _____

14. $4.16 =$ _____

15. $6.1 =$ _____

16. $5.09 =$ _____

17. $5.8 =$ _____

18. $2.67 =$ _____