Name _____

Round Decimals

Round to the nearest dollar or to the nearest whole number.

1. $3.18

_____

2. 4.7

_____

3. $7.02

_____

4. 8.55

_____

5. $1.89

_____

6. 0.2

_____

7. $0.75

_____

8. 9.09

_____

9. $9.51

_____

10. 1.01

_____

11. $8.49

_____

12. 6.35

_____

13. $0.85

_____

14. 5.9

_____

15. $1.05

_____

16. 4.5

_____

17. $4.15

_____

18. 3.65

_____

19. $1.99

_____

20. 5.52

_____

Problem Solving Real World

21. Camden spends $18.25 at the driving range. How much money did Camden spend, rounded to the nearest dollar?

_____

22. Jolie bought 3.75 pounds of turkey at the deli. About how many pounds of turkey did Jolie buy?

_____

Name _____

Place Value to Compare Decimals

Compare the decimals. Write <, >, or =.

1. 2.12 $\bigcirc$ 2.2

2. 2.6 $\bigcirc$ 2.64

3. 2.08 $\bigcirc$ 2.8

4. 2.73 $\bigcirc$ 2.77

5. 2.4 $\bigcirc$ 2.40

6. 2.89 $\bigcirc$ 2.876

7. 2.98 $\bigcirc$ 2.09

8. 2.57 $\bigcirc$ 2.75

9. 0.38 $\bigcirc$ 0.34

10. 46.2 $\bigcirc$ 46.20

11. 0.8 $\bigcirc$ 0.88

12. 25.09 $\bigcirc$ 25.48

Use a place-value chart to order the decimals from least to greatest.

13. 0.41, 0.49, 0.45

14. 8.95, 8.98, 8.9

15. 2.7, 2.77, 2.07

_____

_____

16. 1.23, 1.27, 1.25

17. 9.9, 9.99, 9.94

18. 3.4, 3.04, 3.44

_____

_____

Problem Solving Real World

19. Veronica drank 0.5 liter of water. Hector drank 0.3 liter of water. Who drank less water?

_____

20. Abby spent $6.36 on her lunch and Colby spent $6.63 on his lunch. Who spent less money on lunch—Abby or Colby?

_____

Name _____

Decompose Multiples of 10, 100, 1,000

Decompose each number.

1. 60 = _____

2. 30 = _____

3. 570 = _____

4. 900 = _____

5. 4,000 = _____

6. 2,800 = _____

7. 730 = _____

8. 1,700 = _____

9. 2,000 = _____

Correct the error. Write the correct decomposition.

10. $980 = 98 \times 100$

_____

11. $1,700 = 17 \times 1,000$

_____

12. $8,000 = 80 \times 100$

_____

13. $700 = 70 \times 100$

_____

14. $6,400 = 64 \times 1,000$

_____

15. $5,000 = 50 \times 1,000$

_____

16. $920 = 92 \times 100$

_____

17. $7,700 = 77 \times 1,000$

_____

18. $280 = 28 \times 100$

_____

Problem Solving Real World

19. There are 240 students in the middle-school band. The band director is dividing the students into groups of 10. Into how many groups will the band director divide the students?

_____

Name _____

Number Patterns

Describe the pattern. Then find the next two numbers in the pattern.

1. 4, 12, 36, 108, _**324**_ , _**972**_
_**Multiply by 3.**_____

2. 14, 28, 56, 112, _____ , _____

_____

3. 2, 8, 32, 128, _____ , _____

_____

4. 1, 5, 25, 125, _____ , _____

_____

Determine the pattern and use it to fill in the blanks.

5. 1, 6, 36, _____, 1,296

6. 2, 6, _____, 54, _____

7. 3, 12, _____, _____, 768

8. ____, _____, 36, 108, 324

9. _____, 2, 4, 8, _____

10. 5, 20, ____, 320, _____

Problem Solving Real World

11. Pippen works at an aquarium. Each month, she counts the number of fish in one of the aquariums. She records the total number of fish in the table below. If the pattern continues, how many fish will be in the aquarium in Months 6 and 7?

Month	1	2	3	4	5
Number of Fish	4	8	16	32	64

_____

Name _____

Add Related Fractions

Add. Use fraction strips to help.

1. $\dfrac{1}{2} + \dfrac{1}{8} =$ _____ $\dfrac{5}{8}$

1

| $\dfrac{1}{2}$ | $\dfrac{1}{8}$ |

→

1

| $\dfrac{1}{8}$ | $\dfrac{1}{8}$ | $\dfrac{1}{8}$ | $\dfrac{1}{8}$ | $\dfrac{1}{8}$ |

$\dfrac{1}{2}$ $\dfrac{1}{8}$

2. $\dfrac{1}{3} + \dfrac{2}{9} =$ _____

3. $\dfrac{2}{10} + \dfrac{1}{5} =$ _____

4. $\dfrac{2}{3} + \dfrac{1}{6} =$ _____

5. $\dfrac{2}{8} + \dfrac{1}{4} =$ _____

6. $\dfrac{4}{12} + \dfrac{2}{3} =$ _____

7. $\dfrac{4}{10} + \dfrac{1}{2} =$ _____

8. $\dfrac{1}{2} + \dfrac{3}{6} =$ _____

Problem Solving Real World

9. The Lin family bought a dozen bagels. They ate $\dfrac{1}{4}$ of the bagels today and $\dfrac{5}{12}$ of the bagels yesterday. What fraction of the bagels did they eat in all? Explain how you found your answer.
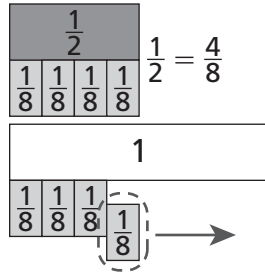
_____

_____

_____

_____

_____

10. The Smith family ate $\dfrac{3}{5}$ of a pizza for dinner and $\dfrac{2}{10}$ of the pizza for lunch the next day. How much of the pizza did they eat in all? Explain how you found your answer.

_____

_____

_____

_____

_____

Subtract Related Fractions

Subtract. Use fraction strips to help.

1. $\dfrac{1}{2} - \dfrac{1}{8} = \dfrac{3}{8}$

$\dfrac{1}{2} = \dfrac{4}{8}$

1

2. $\dfrac{5}{6} - \dfrac{1}{3} = $ _____

3. $1 - \dfrac{3}{5} = $ _____

4. $\dfrac{3}{4} - \dfrac{3}{12} = $ _____

5. $\dfrac{3}{5} - \dfrac{2}{10} = $ _____

6. $\dfrac{7}{8} - \dfrac{2}{4} = $ _____

7. $\dfrac{4}{6} - \dfrac{2}{3} = $ _____

8. $1 - \dfrac{2}{3} = $ _____

Problem Solving (Real World)

9. Fabia buys $\dfrac{5}{8}$ pound of red grapes and $\dfrac{1}{4}$ pound of green grapes. How many more pounds of red grapes does she buy? Explain how you found your answer.

_____

_____

_____

_____

_____

10. Geraldo has $\dfrac{9}{12}$ mile left to hike to reach the end of the trail. He hikes $\dfrac{2}{3}$ mile. What fraction of a mile does he have left to hike? Explain how you found your answer.

_____

_____

_____

_____

_____