

1. Paul threw a baseball 18.7 meters. Which fraction is equivalent to 18.7?

A. $18\frac{7}{100}$

B. $\frac{18}{70}$

C. $18\frac{7}{10}$

D. $\frac{187}{100}$

4.2.G - decimals and fractions - PS

2. Which decimal is equivalent to $\frac{79}{100}$?

A. 0.079

B. 0.79

C. 7.9

D. 79.100

4.2.G - decimals and fractions - PS

3. Which fraction is equivalent to 1.5?

A. $\frac{15}{10}$

B. $\frac{15}{100}$

C. $\frac{100}{15}$

D. $\frac{10}{15}$

4.2.G - decimals and fractions - PS

4. A bag of snack mix weighs $8\frac{9}{100}$ ounces. What decimal is equivalent to $8\frac{9}{100}$?

A. 8.06

B. 10.05

C. 8.09

D. 9.5

4.2.G - decimals and fractions - PS

5. Kate's pen is 13.7 centimeters long. Which mixed number is equivalent to 13.7?

A. $13\frac{1}{7}$

B. $13\frac{1}{70}$

C. $13\frac{7}{10}$

D. $13\frac{7}{100}$

4.2.G - decimals and fractions - PS

6. Which equation shows an equivalent decimal and fraction?

A. $18.05 = 18\frac{5}{100}$

B. $18.05 = 18\frac{5}{10}$

C. $18.05 = 1\frac{85}{100}$

D. $18.05 = 1\frac{85}{10}$

4.2.G - decimals and fractions - PS

Unit: 4th - Decimals**Lesson: 4.2.G - Decimals and Fractions****Problem Set: 1**

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1 C	2 B	3 A	4 C	5 C	6 A
7 A	8 A	9 B	10 B	11 C	12 C
13 C	14 B	15 A	16 C	17 D	18 D
19 C	20 D	21 A	22 B	23 C	24 B
25 B	26 A	27 C	28 B	29 D	30 B

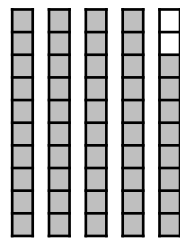
7. In science class Douglas measured the mass of a rock in kilograms. The mass of the rock was 0.26 kg. Which fraction is equivalent to this number?

- A. $\frac{26}{100}$
- B. $\frac{26}{10}$
- C. $2\frac{6}{100}$
- D. $2\frac{1}{6}$

4.2.G - decimals and fractions - PS

8. Estelle shaded the model below to represent the height of a building that is 4.8 meters tall? Which fraction represents the height of this building in meters?

- A. $4\frac{8}{10}$
- B. $\frac{48}{50}$
- C. $4\frac{8}{100}$
- D. $\frac{48}{100}$



4.2.G - decimals and fractions - PS

9. Which equation shows an equivalent decimal and fraction?

- A. $12.09 = 12\frac{9}{10}$
- B. $12.09 = 12\frac{9}{100}$
- C. $12.90 = 12\frac{1}{90}$
- D. $12.90 = 12\frac{90}{10}$

4.2.G - decimals and fractions - PS

10. Mrs. Briones has a pitcher that contains $3\frac{75}{100}$ quarts of lemonade. Which decimal is equivalent to this number?

- A. 3.075
- B. 3.75
- C. 0.375
- D. 300.75

4.2.G - decimals and fractions - PS

11. Antwan decorated 2.5 cakes with chocolate icing. Which fraction is equivalent to this number?

- A. $\frac{25}{100}$
- B. $\frac{5}{10}$
- C. $2\frac{5}{10}$
- D. $2\frac{5}{100}$

4.2.G - decimals and fractions - PS

12. Larry has written $\frac{6}{10}$ of his book report. Which decimal represents the part of the book report he has written?

- A. 6.1
- B. 6.01
- C. 0.6
- D. 0.06

4.2.G - decimals and fractions - PS

Unit: 4th - Decimals**Lesson: 4.2.G - Decimals and Fractions****Problem Set: 2**

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19 C	20 D	21 A	22 B	23 C	24 B
25 B	26 A	27 C	28 B	29 D	30 B

13. Isabella is 56.8 inches tall. Which fraction is equivalent to 56.8?

- A. $5\frac{68}{100}$
- B. $56\frac{8}{100}$
- C. $56\frac{8}{10}$
- D. $\frac{568}{100}$

4.2.G - decimals and fractions - PS

14. Which decimal is equivalent to $\frac{97}{100}$?

- A. 0.097
- B. 0.97
- C. 9.7
- D. 97.00

4.2.G - decimals and fractions - PS

15. Which fraction is equivalent to 2.2?

- A. $2\frac{2}{10}$
- B. $\frac{22}{10}$
- C. $\frac{22}{100}$
- D. $2\frac{2}{100}$

4.2.G - decimals and fractions - PS

16. A green lizard weighs $3\frac{7}{100}$. What decimal is equivalent to $3\frac{7}{100}$?

- A. 37.00
- B. 3.70
- C. 3.07
- D. .37

4.2.G - decimals and fractions - PS

17. It took Sammy Snail an hour to travel 90.9 centimeters. Which mixed number is equivalent to 90.9?

- A. $90\frac{9}{100}$
- B. $9\frac{9}{100}$
- C. $9\frac{9}{10}$
- D. $90\frac{9}{10}$

4.2.G - decimals and fractions - PS

18. Which equation shows an equivalent decimal and fraction?

- A. $67.8 = 67\frac{8}{100}$
- B. $67.8 = 6\frac{78}{10}$
- C. $67.8 = 6\frac{78}{100}$
- D. $67.8 = 67\frac{8}{10}$

4.2.G - decimals and fractions - PS

Unit: 4th - Decimals**Lesson: 4.2.G - Decimals and Fractions****Problem Set: 3**

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13 C	14 B	15 A	16 C	17 D	18 D
19 C	20 D	21 A	22 B	23 C	24 B
25 B	26 A	27 C	28 B	29 D	30 B

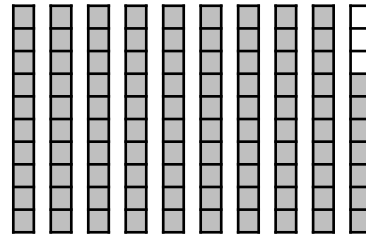
19. Mia's chihuahua weighs 0.13 kg. Which fraction is equivalent to this number?

- A. $1\frac{3}{100}$
- B. $13\frac{1}{100}$
- C. $\frac{13}{100}$
- D. $\frac{13}{10}$

4.2.G - decimals and fractions - PS

20. Marion shaded the model below to represent an earthworm that is 9.7 centimeters long? Which fraction represents the length of this earthworm in centimeters?

- A. $\frac{9}{700}$
- B. $\frac{90}{70}$
- C. $9\frac{7}{100}$
- D. $9\frac{7}{10}$



4.2.G - decimals and fractions - PS

21. Which equation shows an equivalent decimal and fraction?

- A. $66.5 = 66\frac{5}{10}$
- B. $66.5 = 6\frac{65}{10}$
- C. $66.5 = \frac{665}{10}$
- D. $66.5 = 66\frac{5}{100}$

4.2.G - decimals and fractions - PS

22. Petra filled a giant water balloon with $1\frac{57}{100}$ gallons of water. Which decimal is equivalent to this number?

- A. 15.7
- B. 1.57
- C. 157.00
- D. 1.057

4.2.G - decimals and fractions - PS

23. Jamar ate 5.04 chocolate pies in the pie-eating contest. Which fraction is equivalent to this number?

- A. $\frac{54}{100}$
- B. $54\frac{1}{10}$
- C. $5\frac{4}{100}$
- D. $5\frac{4}{10}$

4.2.G - decimals and fractions - PS

24. A typical eye lash is $\frac{4}{10}$ of an inch long. Which decimal represents the length of an eyelash in inches?

- A. 1.4 inches
- B. 0.4 inches
- C. 4 inches
- D. 0.04 inches

4.2.G - decimals and fractions - PS

Unit: 4th - Decimals**Lesson: 4.2.G - Decimals and Fractions****Problem Set: 4**

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25 B	26 A	27 C	28 B	29 D	30 B

25. Marianne knitted a scarf 58.9 inches long. Which fraction is equivalent to 58.9?

- A. $58\frac{9}{100}$
- B. $58\frac{9}{10}$
- C. $5\frac{89}{10}$
- D. $5\frac{89}{100}$

4.2.G - decimals and fractions - PS

26. Which decimal is equivalent to $\frac{95}{100}$?

- A. 0.95
- B. 0.095
- C. 9.5
- D. 95.00

4.2.G - decimals and fractions - PS

27. Which fraction is equivalent to 5.9?

- A. $\frac{59}{100}$
- B. $5\frac{9}{100}$
- C. $5\frac{9}{10}$
- D. $\frac{50}{90}$

4.2.G - decimals and fractions - PS

28. Sylvia's new kitten weighs $5\frac{88}{100}$ pounds. What decimal is equivalent to $5\frac{88}{100}$?

- A. 58.80
- B. 5.88
- C. 58.08
- D. 5.088

4.2.G - decimals and fractions - PS

29. Maurice jumped 76.05 centimeters straight into the air when he saw the snake. Which mixed number is equivalent to 76.05?

- A. $7\frac{60}{50}$
- B. $7\frac{65}{100}$
- C. $76\frac{5}{10}$
- D. $76\frac{5}{100}$

4.2.G - decimals and fractions - PS

30. Which equation shows an equivalent decimal and fraction?

- A. $4.59 = 45\frac{9}{100}$
- B. $4.59 = 4\frac{59}{100}$
- C. $4.59 = 4\frac{59}{10}$
- D. $4.59 = 4\frac{50}{90}$

4.2.G - decimals and fractions - PS

Unit: 4th - Decimals**Lesson: 4.2.G - Decimals and Fractions****Problem Set: 5**

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