

1. Dion ran 3.75 kilometers each day to prepare for a race. What was the number of kilometers that Dion ran during 28 days?

- A. 10.5 km
- B. 105 km
- C. 1,875 km
- D. 18.75 km

5.3.E – Multiplying Decimals: Word Problems - PS

2. One bucket of gravel has a mass of 7.05 kg. What is the mass of 20 buckets of gravel in kilograms?

- A. 14.1 kg
- B. 150 kg
- C. 27.05 kg
- D. 141 kg

5.3.E – Multiplying Decimals: Word Problems - PS

3. Mia's dog weighs 32.6 pounds. Lettie's dog weighs 3.8 times as much as Mia's dog. What does Lettie's dog weigh in pounds?

- A. 36.40 lb
- B. 12.388 lb
- C. 96.48 lb
- D. 123.88 lb

5.3.E – Multiplying Decimals: Word Problems - PS

4. Mr. Nolan paid \$36.95 for each adult shirt and \$23.95 for each youth shirt he bought. Mr. Nolan bought 2 adult shirts and 5 youth shirts.

How much money did he spend on these shirts?

- A. \$167.35
- B. \$258.65
- C. \$232.65
- D. \$193.65

5.3.E – Multiplying Decimals: Word Problems - PS

5. An electronic book has a file size of 2.4 megabytes. What is the file size in megabytes of 16 of these electronic books?

- A. 32.4 megabytes
- B. 54.4 megabytes
- C. 32.64 megabytes
- D. 38.4 megabytes

5.3.E – Multiplying Decimals: Word Problems - PS

6. Mr. Roosevelt has 48 nails that each weigh 1.35 ounces. What is the weight of these nails in ounces?

- A. 50.4 oz
- B. 40.4 oz
- C. 64.8 oz
- D. 16.2 oz

5.3.E – Multiplying Decimals: Word Problems - PS

Unit: 5th – Decimals: Multiplication**Lesson: 5.3.E – Multiplying Decimals: Word Problems****Problem Set 1**

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1 B. 105 km	2 D. 141 kg	3 D. 123.88 lb	4 D. \$193.65	5 D. 38.4 megabytes	6 C. 64.8 oz
7 B. 4.2 pints	8 C. \$37.95	9 C. 3,300 calories	10 B. 296 miles	11 A. 274.5 lbs	12 B. 65.94 lb
13 C. \$353.01	14 C. 88.2 megabytes	15 A. 23.4 oz	16 D. 10.8 ozs	17 A. \$115.20	18 B. 17,762.5 calories
19 B. 9.375 ozs	20 D. \$166.95	21 B. 937.5 gallons	22 C. 355.95 miles	23 A. \$326.40	24 A. 118.25 lbs
25 D. \$387.27	26 D. 28.9 lbs	27 C. 143 hours	28 B. 51.3 ounces	29 C. 33 packets	30 C. \$9,922.50

7. Scott drank 3.5 bottles of water yesterday. Each bottle contained 1.2 pints of water. What was the number of pints of water Scott drank yesterday?

A. 4.7 pints
B. 4.2 pints
C. 4.1 pints
D. 42 pints

8. Denise spent \$3.45 on snacks every day for 11 days. What is the amount of money Denise spent on these snacks?

A. \$379.50
B. \$14.45
C. \$37.95
D. \$6.90

9. Freddy exercised 2.5 hours per day on 4 days last week. He burned 330 calories per hour while exercising. How many calories did Freddy burn by exercising last week?

A. 2,640 calories
B. 26,400 calories
C. 3,300 calories
D. 33,000 calories

10. Quinn ran 9.25 miles each day to prepare for a race. What was the number of miles that Quinn ran during 32 days?

A. 288 miles
B. 296 miles
C. 29,600 miles
D. 300 miles

11. Logan is buying bags of fertilizer for the plants in the front garden. If one bag weighs 9.15 pounds. How much would 30 bags weigh?

A. 274.5 lbs
B. 270
C. 27.05 kg
D. 27.45

12. Greer has two pet Wallabies. The smaller one weighs 15.7 lbs, and the larger one weighs 4.2 times as much. How much does the larger Wallaby weigh?

A. 62.80 lb
B. 65.94 lb
C. 63 lb
D. 659.4 lb

5.3.E – Multiplying Decimals:Word Problems - PS

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Unit: 5th – Decimals: Multiplication**Lesson: 5.3.E – Multiplying Decimals: Word Problems****Problem Set 2**

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25 D. \$387.27	26 D. 28.9 lbs	27 C. 143 hours	28 B. 51.3 ounces	29 C. 33 packets	30 C. \$9,922.50

13. Aiden paid \$43.97 for each set of white shoestrings he bought and \$36.85 for each set of yellow shoestrings. Aiden bought 3 sets of white and 6 sets of yellow shoestrings. How much did Aiden pay for all these shoestrings he bought?

A. \$80.82
B. \$263.82
C. \$353.01
D. \$221.10

14. Roane has been secretly recording all of Marin Fairport's phone conversations. Roane is storing these conversations on small USB drives that can hold 6.3 megabytes each. How many megabytes can 14 of these USB drives hold?

A. 63 megabytes
B. 882 megabytes
C. 88.2 megabytes
D. 25.2 megabytes

15. Storm Wintermore has 6 necklaces that each weigh 3.9 ozs. How much do the necklaces weigh when Storm wears them all together at the same time?

A. 23.4 oz
B. 11.7 oz
C. 24 oz
D. 234 oz

16. Tatum Speedwell has 4.5 bottles of invisible ink. Each bottle contains 2.4 ounces of ink. How many ounces of ink does Tatum have?

A. 12.7 pints
B. 12.2 pints
C. 10.1 pints
D. 10.8 ozs

17. Marin Fairport is adding to his collection of gold-plated paper clips. Each paper clip costs \$7.68, and he bought 15 of them. How much did he spend on these new paper clips?

A. \$115.20
B. \$76.80
C. \$768.00
D. \$11.52

18. Quinn Morrison exercised 4.9 hours per day on 5 days last week. He burned 725 calories per hour while exercising. How many calories did Quinn burn by exercising last week?

A. 3,625 calories
B. 17,762.5 calories
C. 3,552.5 calories
D. 33,000 calories

Unit: 5th – Decimals: Multiplication**Lesson: 5.3.E – Multiplying Decimals: Word Problems****Problem Set 3**

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19. Storm Wintermore is on new diet. She eats exactly 3.75 carrots per day and each carrot must weigh exactly 2.5 ounces. How many ounces of carrot is Storm eating each day on her new diet?

A. 8.925 ozs
B. 9.375 ozs
C. 19.5 ozs
D. 6.25 ozs

20. Greer spent \$7.95 on treats for his pet capybara everyday for 21 days. How much did Greer spend on these treats?

A. \$1669.5
B. \$15,900
C. \$187.95
D. \$166.95

21. Tatum Speedwell flew his jet 1.25 hours per day on 3 different days last week. He used 250 gallons of jet fuel per hour. How much jet fuel did Tatum use last week?

A. 750 gallons
B. 937.5 gallons
C. 312.50 gallons
D. 625 gallons

22. Roane walks 5.65 miles a day following various members of the Fairport family trying to learn their secrets. She has done this for 63 days so far. How many miles has she walked sneaking around after the Fairports?

A. 346.50 miles
B. 339 miles
C. 355.95 miles
D. 3,528 miles

23. Marin Fairport has decided to add to his collection of antique shoe scrapers imported from Italy. It costs \$8.16 to ship a shoe scraper from Italy. How much will it cost to ship all 40 shoe scrapers that Marin has ordered?

A. \$326.40
B. \$320.00
C. \$163.20
D. \$326.00

24. Logan Redberry harvested 27.5 pounds of poisonous mistletoe berries last week. This week he harvested 4.3 times as much! How many pounds of mistletoe berries did Logan harvest this week?

A. 118.25 lbs
B. 110 lbs
C. 118.52 lbs
D. 116.10 lbs

Unit: 5th – Decimals: Multiplication**Lesson: 5.3.E – Multiplying Decimals: Word Problems****Problem Set 4**

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25 D. \$387.27	26 D. 28.9 lbs	27 C. 143 hours	28 B. 51.3 ounces	29 C. 33 packets	30 C. \$9,922.50

25. Storm Wintermore paid \$57.85 a pound for rare, white strawberries last week and \$35.62 a pound for hand picked snow peas from Antarctica. She bought 3 pounds of strawberries and 6 pounds of snow peas. How much did Storm pay for these fancy groceries?

A. \$347.10
B. \$93.47
C. \$141.00
D. \$387.27

26. Greer Montague has 17 identical pet hedgehogs that each weigh 1.7 lbs. How many pounds of hedgehog is that in all?

A. 34 lbs
B. 289 lbs
C. 120.7 lbs
D. 28.9 lbs

27. Quinn Morrison spends 2.75 hours a day teaching Tatum Speedwell how to wrestle. He has done this for 52 days. How much time has Quinn spent trying to teach Tatum how to wrestle?

A. 54.75 hours
B. 156 hours
C. 143 hours
D. 140.4 hours

28. Greer Montague's pet tiger ate 4.75 ribeye steaks for breakfast yesterday. Each steak weighed 10.8 ounces. How many ounces of steak did the tiger eat for breakfast?

A. 47.5 ounces
B. 51.3 ounces
C. 54 ounces
D. 470 ounces

29. It takes 2.75 packets of sleeping powder to put one guard dog to sleep. Roane Fairport wants to sneak quietly past 12 guard dogs so she can spy on her cousins. How many packets of sleeping powder will she need to make sure all 12 guard dogs are asleep?

A. 36 packets
B. 27.5 packets
C. 33 packets
D. 3300 packets

30. Aiden Fairport spent 2.25 hours a day for 6 days shopping for clothes on-line last week. Aiden spent \$735 an hour each hour he was shopping. How much money did Aiden spend shopping on-line last week?

A. \$1,653.75
B. \$4,410.00
C. \$9,922.50
D. \$743.25

Unit: 5th – Decimals: Multiplication**Lesson: 5.3.E – Multiplying Decimals: Word Problems****Problem Set 5**

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