

Thief!

Materials needed:

- Game Cards
- Dry erase boards/markers/erasers

The beautiful and wealthy Countess Alexandria of Magnovia is spending the summer with the equally wealthy Fairport family of Boston at the Fairport Mansion. One night, while getting dressed for a party, Countess Alexandria is horrified to find that her diamond tiara is missing! You are a suspect! To clear your own name, you must discover the identity of the real thief! (Or maybe you did do it...)

Set up:

Each player draws a suspect card. That is your identify for the rest of the game. Place your suspect card where everyone can see it.

To play:

Shuffle the clue cards (problem cards) and put them in a stack, problem side up, where everyone can reach them. Each clue card has a letter on the back. Take turns answering the problem cards. Each time you answer a card correctly, turn over the card so that you can see the letter and put it in the middle where everyone can see it.

The thief is the first suspect whose first name (For example: Aiden or Quinn) can be completely spelled with the letters provided by answering the clue cards correctly. (For a shorter game: You can play until the first 3 letters of the thief's name is revealed. For example: AID for Aiden.)

To win: If you have the suspect card with the thief's name, you are the thief! – So you lose! If there are more than 2 players, the winner is the player who identifies the thief first.

Printing instructions: Print landscape, 2-sided, black & white, flip on short side.

Unit: 5th – Decimals: Multiplication**Lesson: 5.3.E – Multiplying Decimals: Word Problems****Thief!**

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1 B. 105 gallons	2 D. 141 kg	3 D. 123.99 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

Marin Fairport

Wealthy, but eccentric head of the Fairport Family. Known for spending millions on oddball collections of random objects

Aiden Fairport

At 25, the oldest child of the super-rich Fairport family. Known for spending lots of money, especially on clothes.

Roane Fairport

Showed up last week claiming to be a long-lost cousin from Scotland who knows all the family's darkest secrets.

Tatum Speedwell

Jet pilot and former international spy staying for the weekend before leaving Monday for Morocco.

Greer Montague

Accountant to the Rich and Famous, known for making millions on investments, also known for spending millions on exotic pets.

Storm Wintermore

Movie Star known throughout the world for living the life of the rich and famous. Also famous for being a picky eater.

Quinn Morrison

Once a WWE Wrestler and karate expert. Quinn now makes a living as personal trainer to the rich and famous.

Logan Redberry

Groundskeeper for the Fairport Mansion. Former university professor of botany at a prestigious university. Fired for too many experiments with poisonous plants.

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<p>1. Logan Redberry put 3.75 gallons of fertilizer on his poison ivy garden every day for 28 days. How many gallons of fertilizer did he use during 28 days?</p> <p>A. 10.5 gallons</p> <p>B. 105 gallons</p> <p>C. 1,875 gallons</p> <p>D. 18.75 gallons</p> <p>5.3.E – Multiplying Decimals: Word Problems – Thief!</p>	<p>2. Marin Fairport collects concrete garden gnomes. One garden gnome has a mass of 7.05 kg. What is the mass of 20 garden gnomes in kilograms?</p> <p>A. 14.1 kg</p> <p>B. 150 kg</p> <p>C. 27.05 kg</p> <p>D. 141 kg</p> <p>5.3.E – Multiplying Decimals: Word Problems – Thief!</p>	<p>3. Aiden Fairport is going on a trip. He is taking a small suitcase for his socks and a larger suitcase for his shoes. The sock suitcase weighs 32.6 pounds. The shoe suitcase weighs 3.8 times as much as the sock suitcase. How much does the shoe suitcase weigh?</p> <p>A. 36.40 lb</p> <p>B. 12.388 lb</p> <p>C. 96.48 lb</p> <p>D. 123.99 lb</p> <p>5.3.E – Multiplying Decimals: Word Problems – Thief!</p>
<p>4. Logan Redberry paid \$36.95 each for Deadly Nightshade plants and \$23.95 each for White Snake plants. He bought 2 Nightshade plants and 5 White Snake plants. How much money did he spend on these plants?</p> <p>A. \$167.35</p> <p>B. \$258.65</p> <p>C. \$232.65</p> <p>D. \$193.65</p> <p>5.3.E – Multiplying Decimals: Word Problems – Thief!</p>	<p>5. Roane Fairport has been secretly taking digital pictures of Alexandria, the Countess of Magnovia, wearing some of her most expensive jewelry. Each picture requires 2.4 megabytes of digital storage. How much storage will Roane need to store 16 pictures?</p> <p>A. 32.4 megabytes</p> <p>B. 54.4 megabytes</p> <p>C. 32.64 megabytes</p> <p>D. 38.4 megabytes</p> <p>5.3.E – Multiplying Decimals: Word Problems – Thief!</p>	<p>6. Greer Montague is raising 48 pygmy possums that weigh an average of 1.35 ounces each. What is the total weight in ounces of all of Mr. Montague’s pygmy possums?</p> <p>A. 50.4 oz</p> <p>B. 40.4 oz</p> <p>C. 64.8 oz</p> <p>D. 16.2 oz</p> <p>5.3.E – Multiplying Decimals: Word Problems – Thief!</p>

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

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

5.3.E – Multiplying Decimals: Word Problems – Thief!

8. Storm Wintermore spent \$3.45 on peeled grapes every day for 11 days. What is the amount of money Storm spent on these grapes?

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

5.3.E – Multiplying Decimals: Word Problems – Thief!

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

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

5.3.E – Multiplying Decimals: Word Problems – Thief!

10. Quinn Morrison 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

5.3.E – Multiplying Decimals: Word Problems – Thief!

11. Logan Redberry is buying bags of fertilizer for his Hemlock 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

5.3.E – Multiplying Decimals: Word Problems – Thief!

12. Greer Montague 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 – Thief!

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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

5.3.E – Multiplying Decimals: Word Problems – Thief!

14. Roane Fairport 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

5.3.E – Multiplying Decimals: Word Problems – Thief!

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

5.3.E – Multiplying Decimals: Word Problems – Thief!

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

5.3.E – Multiplying Decimals: Word Problems – Thief!

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

5.3.E – Multiplying Decimals: Word Problems – Thief!

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

5.3.E – Multiplying Decimals: Word Problems – Thief!

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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

5.3.E – Multiplying Decimals: Word Problems – Thief!

20. Greer Montague 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

5.3.E – Multiplying Decimals: Word Problems – Thief!

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

5.3.E – Multiplying Decimals: Word Problems – Thief!

22. Roane Fairport 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

5.3.E – Multiplying Decimals: Word Problems – Thief!

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

5.3.E – Multiplying Decimals: Word Problems – Thief!

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

5.3.E – Multiplying Decimals: Word Problems – Thief!

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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