Task card 1 Decimal Word Problems

Gasoline costs $8.68 per gallon. Lily buys 1.93 gallons. How much does Lily pay, rounded to the nearest cent?

Task card 2 Decimal Word Problems

Tickets cost $5.07 each, plus a one-time $3.00 booking fee. Lily has $56.70. What is the greatest number of tickets Lily can buy?

Task card 3 Decimal Word Problems

Sam packs three boxes that weigh 8.002 kg in total. Two of them weigh 3.462 kg and 2.559 kg. How much does the third box weigh, in kg?

Task card 4 Decimal Word Problems

Box A has 0.8 kg of dog food for $3.28. Box B has 1.5 kg for $7.05. Which is the better buy (lower price per kg)? Write A or B.

Task card 5 Decimal Word Problems

Eli's scooter travels 25.5 km on 1.25 liters of fuel. How many kilometers does it travel per liter?

Task card 6 Decimal Word Problems

Fabric costs $5.97 per meter. Mia buys 3.61 meters. How much does Mia pay, rounded to the nearest cent?

Task card 7 Decimal Word Problems

Tickets cost $4.34 each, plus a one-time $1.50 booking fee. Ava has $83.44. What is the greatest number of tickets Ava can buy?

Task card 8 Decimal Word Problems

Max packs three boxes that weigh 5.812 kg in total. Two of them weigh 2.175 kg and 2.319 kg. How much does the third box weigh, in kg?

Task card 9 Decimal Word Problems

Nora packs three boxes that weigh 10.013 kg in total. Two of them weigh 3.585 kg and 4.184 kg. How much does the third box weigh, in kg?

Task card 10 Decimal Word Problems

Box A has 1.2 kg of cereal for $7.32. Box B has 1.5 kg for $8.55. Which is the better buy (lower price per kg)? Write A or B.

Task card 11 Decimal Word Problems

Mia's scooter travels 20.65 km on 1.75 liters of fuel. How many kilometers does it travel per liter?

Task card 12 Decimal Word Problems

Fabric costs $7.22 per meter. Max buys 1.69 meters. How much does Max pay, rounded to the nearest cent?

Task card 13 Decimal Word Problems

Tickets cost $3.54 each, plus a one-time $2.50 booking fee. Nora has $73.63. What is the greatest number of tickets Nora can buy?

Task card 14 Decimal Word Problems

Zoe packs three boxes that weigh 8.552 kg in total. Two of them weigh 4.339 kg and 1.983 kg. How much does the third box weigh, in kg?

Task card 15 Decimal Word Problems

Box A has 1 L of juice for $6.60. Box B has 2 L for $13.60. Which is the better buy (lower price per L)? Write A or B.

Task card 16 Decimal Word Problems

Leo's scooter travels 72.375 km on 3.75 liters of fuel. How many kilometers does it travel per liter?

Task card 17 Decimal Word Problems

Zoe packs three boxes that weigh 6.71 kg in total. Two of them weigh 3.959 kg and 1.115 kg. How much does the third box weigh, in kg?

Task card 18 Decimal Word Problems

Box A has 0.5 kg of cereal for $3.05. Box B has 2.5 kg for $14.25. Which is the better buy (lower price per kg)? Write A or B.

Task card 19 Decimal Word Problems

Zoe's scooter travels 25.375 km on 1.25 liters of fuel. How many kilometers does it travel per liter?

Task card 20 Decimal Word Problems

Fabric costs $2.67 per meter. Leo buys 3.21 meters. How much does Leo pay, rounded to the nearest cent?

Task card 21 Decimal Word Problems

Tickets cost $8.52 each, plus a one-time $1.99 booking fee. Eli has $54.89. What is the greatest number of tickets Eli can buy?

Task card 22 Decimal Word Problems

Nora packs three boxes that weigh 9.499 kg in total. Two of them weigh 4.934 kg and 3.014 kg. How much does the third box weigh, in kg?

Task card 23 Decimal Word Problems

Box A has 0.8 kg of dog food for $2.88. Box B has 2 kg for $8.00. Which is the better buy (lower price per kg)? Write A or B.

Task card 24 Decimal Word Problems

Nora's scooter travels 39.75 km on 3.75 liters of fuel. How many kilometers does it travel per liter?

Decimal Word Problems Task Cards

Recording sheet · Grade 6 · Solve each story. Round money to the nearest cent when the question says so. Write just the number (or the letter when asked).

Name: _____ Date: _____

Scan to check your answers

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Decimal Word Problems Task Cards: Answer Key

Grade 6 · Hard

The answers online

1. 16.75	**2.** 10	**3.** 1.981
4. A	**5.** 20.4	**6.** 21.55
7. 18	**8.** 1.318	**9.** 2.244
10. B	**11.** 11.8	**12.** 12.20
13. 20	**14.** 2.23	**15.** A
16. 19.3	**17.** 1.636	**18.** B
19. 20.3	**20.** 8.57	**21.** 6
22. 1.551	**23.** A	**24.** 10.6