

Decimals 應用題練習 1

(小學四年級適用)

姓名：_____

日期：_____

1. The Octopus card originally had 500 dollars. 19.7 dollars were spent on buying bread, and then 50 dollars were added to the card. What is the current balance in dollars?

2. The toy car costs 77.7 dollars, the doll costs 108.8 dollars each, and the toy boat is 15.4 dollars cheaper than the toy car. If Mom buys one doll and one toy boat and pays with 500 dollars, how much change should she receive?

3. Rope B is 1.57 meters long, and Rope C is 2.88 meters long. If the total length of Ropes A, B, and C combined is just enough to go around a square with a side length of 1.32 meters once, what is the length of Rope A in meters?

4. The tabletop area of a large table is 1.44 square meters, while the tabletop area of a small table is 0.95 square meters smaller than that of the large table. How much smaller is the combined area of two small tables compared to one large table?

5.

Large fish balls	Small fish balls	Eggs
\$39.9 per pack (2 nd pack discount: \$10.7 off)	\$20.5 per pack	\$33.3 per box

If Mom buys two packs of large fish balls and one pack of small fish balls, how much does she need to pay in total?

6. The large water bottle contains 0.85 liters of water, while the small water bottle holds 0.67 liters less than the large one. If the water from both bottles is poured into a 1-liter bottle, will it overflow?

∴ (Yes/No), because the combined volume of both bottles is _____ liters, which (exceeds/ below) the 1-liter bottle's capacity.

End

Decimals 應用題練習 1-答案(小學四年級適用)

1. The Octopus card originally had 500 dollars. 19.7 dollars were spent on buying bread, and then 50 dollars were added to the card. What is the current balance in dollars?

$$500 - 19.7 + 50$$

$$= 530.3 \text{ dollars}$$

∴ The current balance is 530.3 dollars.

2. The toy car costs 77.7 dollars, the doll costs 108.8 dollars each, and the toy boat is 15.4 dollars cheaper than the toy car. If Mom buys one doll and one toy boat and pays with 500 dollars, how much change should she receive?

$$500 - 108.8 - (77.7 - 15.4)$$

$$= 391.2 - 62.3$$

$$= 328.9 \text{ dollars}$$

∴ She should receive 328.9 dollars in change.

3. Rope B is 1.57 meters long, and Rope C is 2.88 meters long. If the total length of Ropes A, B, and C combined is just enough to go around a square with a side length of 1.32 meters once, what is the length of Rope A in meters?

$$1.32 + 1.32 + 1.32 + 1.32 - 1.57 - 2.88$$

$$= 5.28 - 1.57 - 2.88$$

$$= 0.83 \text{ m}$$

∴ The length of Rope A is 0.83m.

4. The tabletop area of a large table is 1.44 square meters, while the tabletop area of a small table is 0.95 square meters smaller than that of the large table. How much smaller is the combined area of two small tables compared to one large table?

$$1.44 - (1.44 - 0.95) - (1.44 - 0.95)$$

$$= 1.44 - 0.49 - 0.49$$

$$= 0.46 \text{ square meters}$$

\therefore The combined area of two small tables is 0.46 square meters less than that of one large table.

5.

Large fish balls	Small fish balls	Eggs
\$39.9 per pack (2 nd pack discount: \$10.7 off)	\$20.5 per pack	\$33.3 per box

If Mom buys two packs of large fish balls and one pack of small fish balls, how much does she need to pay in total?

$$39.9 + (39.9 - 10.7) + 20.5$$

$$= 39.9 + 29.2 + 20.5$$

$$= 89.6 \text{ dollars}$$

\therefore She needs to pay \$89.6 in total.

6. The large water bottle contains 0.85 liters of water, while the small water bottle holds 0.67 liters less than the large one. If the water from both bottles is poured into a 1-liter bottle, will it overflow?

$$0.85 + (0.85 - 0.67)$$

$$= 1.03 \text{ L}$$

$$\therefore 1.03 > 1$$

\therefore Yes, because the combined volume of both bottles is 1.03 liters, which exceeds the 1-liter bottle's capacity.

End