

WORD PROBLEMS WITH BARS

Division 2 · Mr. Merrick · December 10, 2025

1. Mia saved money to buy notebooks. If she buys 4 notebooks, she will have \$6 left. If she buys 6 notebooks, she will need to borrow \$10. How much does one notebook cost?

Solution. One notebook costs \$8.

2. Jon has enough money to buy 7 markers and still have \$4 left. If he buys 10 markers, he will be short of \$11. Find the cost of one marker.

Solution. One marker costs \$5.

3. Ava wants to buy erasers. If she buys 5 erasers, she will have \$3 left. If she buys 8 erasers, she will be short of \$9. What is the price of one eraser?

Solution. One eraser costs \$4.

4. Liam is saving money for toy cars. If he buys 3 cars, he will have \$12 left. If he buys 6 cars, he will need to borrow \$9. What is the cost of one toy car?

Solution. One toy car costs \$7.

5. Chloe wants to buy sticker sheets. If she buys 10 sheets, she will have \$5 left. If she buys 14 sheets, she will be short of \$11. How much does each sheet cost?

Solution. Each sticker sheet costs \$4.

6. Noah has money to buy puzzle books. If he buys 2 books, he will still have \$18. If he buys 5 books, he will need to borrow \$6. Find the price of one puzzle book.

Solution. One puzzle book costs \$8.

7. Ella saved money to buy bracelets. If she buys 4 bracelets, she will have \$7 left. If she buys 9 bracelets, she will need to borrow \$18. What is the cost of one bracelet?

Solution. One bracelet costs \$5.

8. Oliver wants to buy packs of trading cards. If he buys 3 packs, he will still have \$15. If he buys 8 packs, he will be short of \$20. How much does one pack cost?

Solution. One pack of trading cards costs \$7.

9. Harper has money to buy sketchbooks. If she buys 5 sketchbooks, she will have \$9 left. If she buys 9 sketchbooks, she will need to borrow \$15. Find the price of one sketchbook.

Solution. One sketchbook costs \$6.

10. Caleb saves money for comic books. If he buys 4 comics, he will still have \$8. If he buys 7 comics, he will be short of \$13. How much does one comic cost?

Solution. One comic costs \$7.