



Writing expressions for real situations

GRADE 6 MATH

Name _____

Date _____

Answer every item. Put your expression in the box and show your reasoning above it. One skill: **writing expressions for real situations**.

WORKED EXAMPLE

Decide what the letter stands for, then build the expression piece by piece. '\$12 to join plus \$8 an hour' → the fee happens **once**, the rate repeats: **$12 + 8h$** . At $h = 3$ that is $12 + 24 = \$36$. Do **not** fold the fee into the rate (20h would be wrong).

1. A gym charges \$12 to join plus \$8 per hour. Write an expression for the cost of h hours, then find the cost of 3 hours.

FLUENCY

Show your thinking

Answer

2. Write an expression for **7 less than a number n** , then evaluate it when $n = 20$.

APPLICATION

Show your thinking

Answer

3. A box holds 5 books. Write an expression for the number of books in b boxes, then find the total for 9 boxes.

APPLICATION

Show your thinking

Answer

4. A tank holds 25 litres and loses 3 litres each day. Write an expression for the amount left after d days, then find the amount after 6 days. Explain what each part of your expression represents.

REASONING

Show your thinking

Answer