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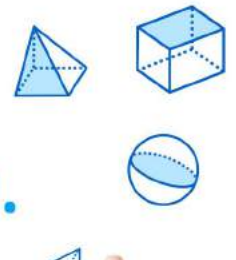

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Translating Expressions Worksheets

Translate the following word problems into expressions:

1) A bag of oranges contains 6 oranges. I buy w bags of oranges. How many oranges have I bought?

2) I have d cupcakes and I eat 7 of them. How many cupcakes do I have left?

3) The temperature is 62 celsius. It gets warmer by h degrees. What is the temperature now?

4) Ben has a coin collection made up of pennies and nickels. If he has three times as many pennies as nickels and the total face value of the coins is $416, how many coins of each kind are in the collection?

5) The Mccarthy's are on a cross-country trip traveling with the Jensons. One day they get separated and the Jensons are 20 miles a head of the Mccarthy's on the same road. If the Jensons average 50 mph and the Mccarthy's travel at 60 mph, how long will it be before the Mccarthy's catch up with the Jensons?

6) Think of a number. Double the number. Subtract 6 from the result and divide the answer by 2. The quotient will be 20. What is the number?

7) Evelyn is thinking of constructing a rectangular shaped swimming pool in the plot next to her house such that it is surrounded by grass as given in the figure below. The dimensions of the plot is 50 ft × 40 ft, and the area of the grass is 1184 ft^2. Find the dimensions of the pool.

8) Natalie gets pocket money from her mother and is planning to buy a dress for her annual day celebrations in school. Had she got $10 more pocket money from her mom, the amount would have been 9 times the square of the money she has now. How much money does she have now?

9) The length of the rectangle is l units more than its width. The width of the rectangle is 11 units and the length of the wire that is used to make this rectangle is a maximum of 57 units. Represent this situation using an inequality expression.

10) Jonathan has collected $\$100$ in his piggy bank. He spent $\$x$ on food, $\$47$ to rent a bike and the remaining $\$v$ to rent a video game. Represent this situation using inequality.

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Why choose Cuemath?

"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

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