

Session 1

Directions

This session contains 25 multiple-choice questions. Fill in the circle for your answer to each question.

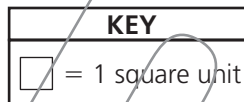
You may use a ruler during this session. You may **not** use a calculator during this session.

SAMPLE

12. Tomás has 28 quarters. There are 4 quarters in a dollar. Which expression can Tomás use to find how many dollars he has?

- (A) $28 - 4$
- (B) $28 \div 4$
- (C) 28×4
- (D) $28 + 4$

13. Gianna has 14 square tiles. Each side of the tile measures 1 unit. She uses the tiles to make the rectangle shown below.



What is the area of the rectangle?

- (A) 7 units
- (B) 7 square units
- (C) 14 units
- (D) 14 square units

Session 2

This session contains five multiple-choice questions and eight constructed-response items. Fill in the circle for your answer to each multiple-choice question. Write your answer for each constructed-response item.

You may use a ruler during this session. You may **not** use a calculator during this session.

SAMPLE

Read each problem. Write your answer.

31. Ms. Santos buys bags of compost to put in her garden. Each bag has a mass of 4 kilograms. She buys 7 bags. How many kilograms of compost does Ms. Santos buy?

Answer _____ kilograms

32. What number makes the number sentence true?

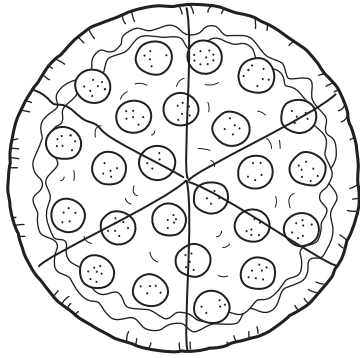
$$5 \times \underline{\quad ? \quad} = 35$$

Answer _____

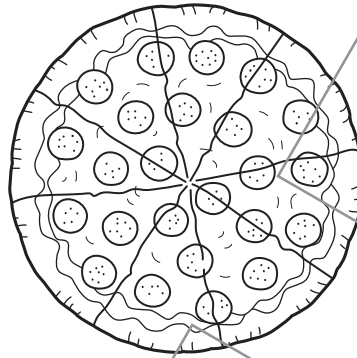
33. A small notepad has 20 sheets of paper in it. Liv buys 3 notepads. How many sheets of paper does Liv have in all?

Answer _____ sheets of paper

36. Jonas makes two pizzas of equal size. He cuts one pizza into 6 pieces. He cuts the other pizza into 8 pieces.



Pizza A



Pizza B

Jonas and his friends eat $\frac{4}{6}$ of pizza A and $\frac{4}{8}$ of pizza B. Fill in the box with $>$, $<$, or $=$ to compare the amounts of pizza eaten.

$$\frac{4}{6} \boxed{} \frac{4}{8}$$

Explain how you know your answer is correct.

38. Ms. Harris, the gym teacher, has 68 tumbling mats. She leans 5 of the mats against the gym wall. Then she makes 7 stacks of mats. She puts the same number of mats in each stack.

Write and solve a number sentence to find how many mats are in each stack. Use m for the unknown number.

Show your work.

Answer _____ mats

Ms. Harris gets 4 more tumbling mats. Now she will make 7 stacks using all the mats. How can you use rounding to find **about** how many mats are in each stack?

Explain your answer.
