



COASTMETRO
ELEMENTARY MATH PROJECT

GRADE 5 PRACTICE QUESTIONS
MIXED REVIEW

1. Jan has \$100 of birthday money to spend. They are saving for a new pair of basketball shoes, so \$35 goes into the bank. Jan then spends \$14.69 on a movie ticket and \$10.50 on popcorn. After the movie Jan sees a jersey for their favourite sports team on sale for \$45.50

a. Does Jan have enough to buy the jersey?

b. If so, what would they receive in change?

c. How would you divide up the money if you were Jan?

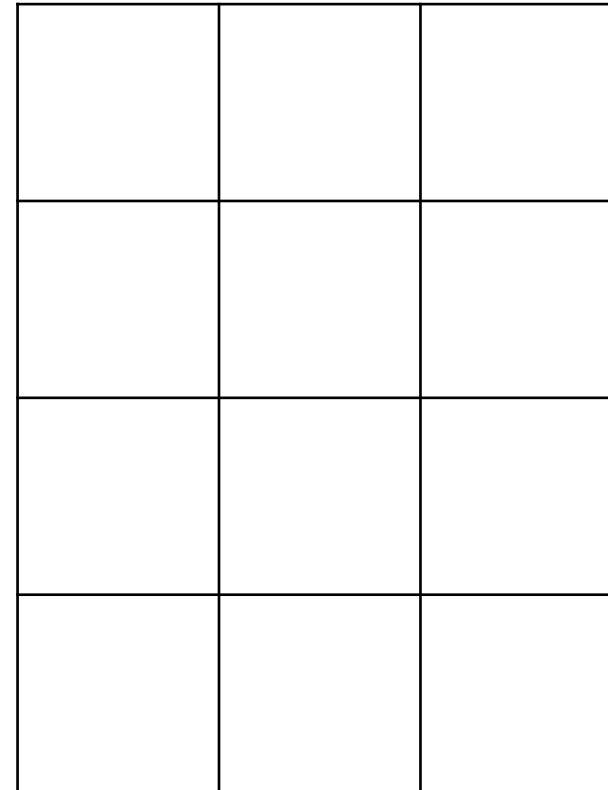
2. Angie is practicing for her computation exam. She solves each of the problems below and says that they all have the same answer. Is she correct? Show how you know.

$356 + 12 =$	$736 - 368 =$
$16 \times 23 =$	$736 \div 3 =$

3. Estimate and then calculate the answers.

$55.75 + 21.02 =$	$8.68 - 7.07 =$
$32.09 + 193.45 =$	$12.2 - 6.59 =$

4. The dimensions of each square is 2 cm by 2 cm.
- a. What is the area and perimeter of the rectangle?
 - b. How many rectangles would you need to make a quilt with 96 squares?
 - c. What would the area of the quilt be?



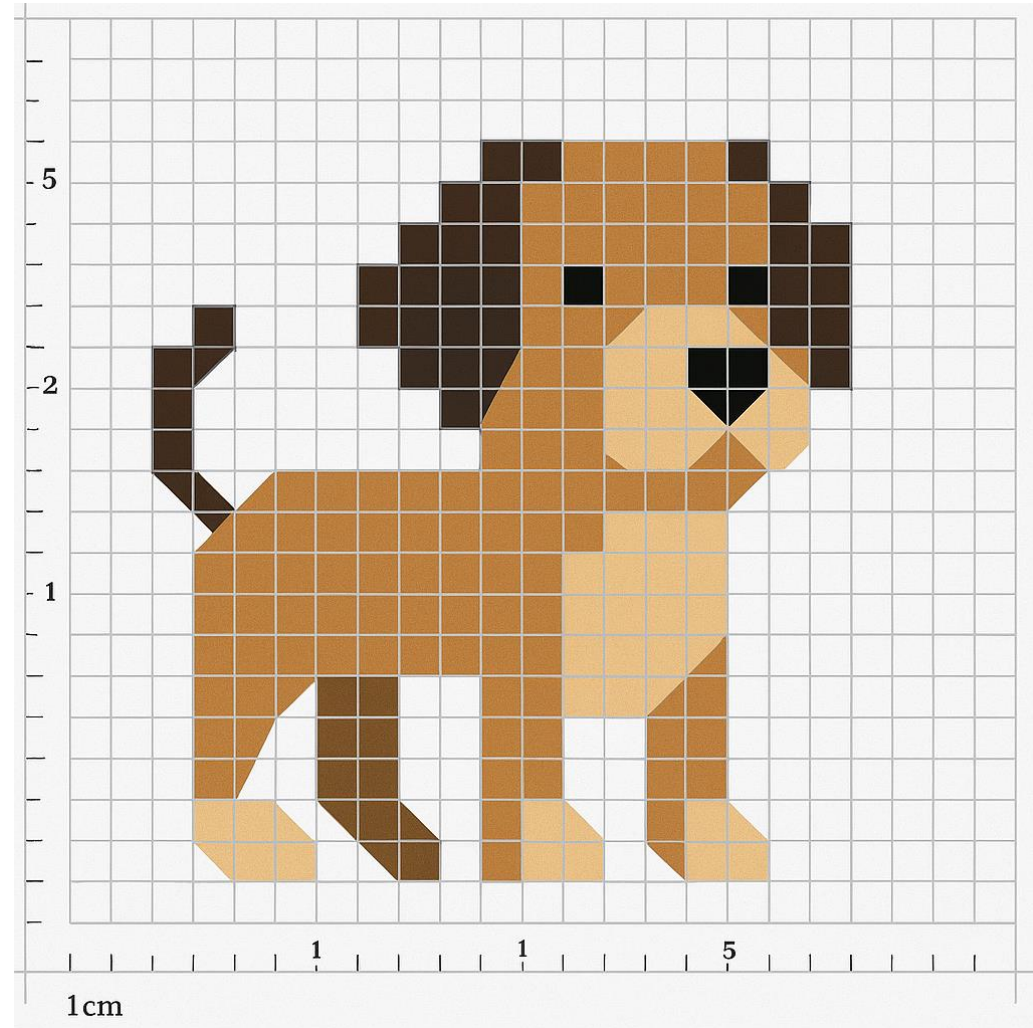
5. Mande's Guide group is selling cookies for a fundraiser. Each member must sell 100 boxes. The table shows how much of their sales each person has completed so far.

- Order the sales numbers from least to greatest.
- How many boxes of cookies has each guide sold?

Mandee	0.65
Amelia	$\frac{3}{4}$
Terrice	$\frac{15}{25}$
Aria	0.25
Iris	0.1
Andy	$\frac{20}{100}$

6. Mila is making designs with pebbles on the beach. She starts with 15 pebbles in the first design. She makes 5 designs. Each one has 15 more pebbles than the one before.
- Draw a picture of Mila's designs
 - Write a pattern rule to describe the pattern that she has created.
 - How could you figure out how many pebbles Mila used without counting? Show 2 different ways

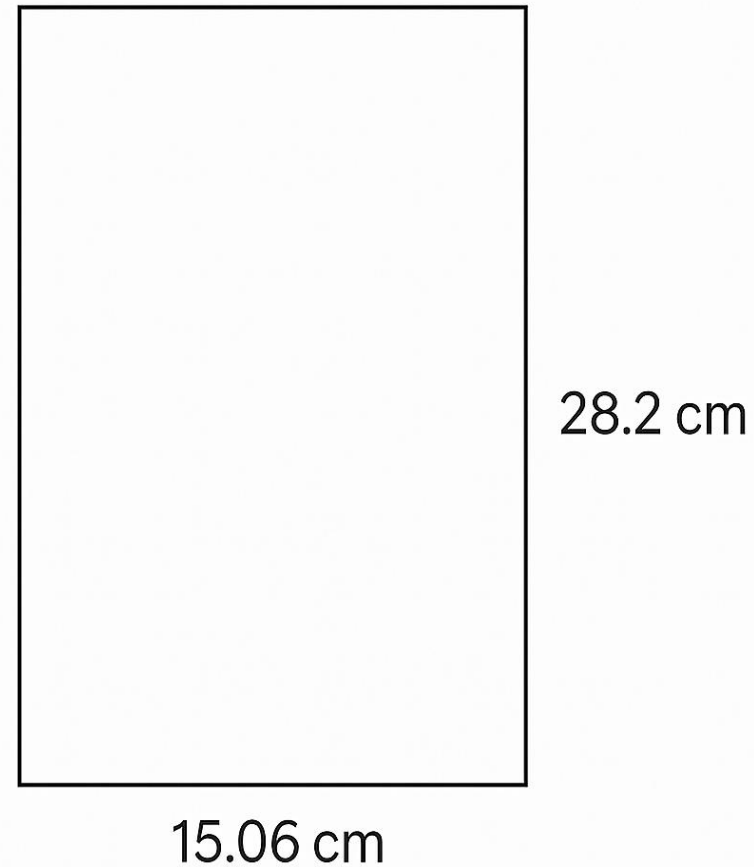
7. a. Write 3 fractions that can be seen in the image.
b. Write an equivalent fraction for each.
c. Write each fraction as a decimal.



8. Kendal needs to save up money to buy a birthday present for her friend. She has \$10 in her piggy bank and needs \$34.49.
- How much more money does Kendal need to save?
 - If she saves \$5 per week, how many weeks will she need to save in order to have enough money?
 - Draw a picture to show the pattern.
 - Write an expression that represents the pattern.

9. a. Calculate the perimeter of the rectangle.

b. Estimate the area and explain how you estimated.



10. Sam and Tricia want to organize their Lego collection and are sorting the pieces by colour. They have 1000 pieces of Lego. 250 of the pieces are red, 150 are blue, 500 pieces are white and the rest are yellow.

a. Write a fraction for each of the 4 colours.

b. Write the smallest equivalent fraction you can for each fraction from part a.

c. Order the fractions on a number line.