Q.1. Find the missing numbers by looking at the sequence.   **(1)**

5, _____, _____, 17

Q.2. Circle the square number.   **(1)**

16   12   36   66   81

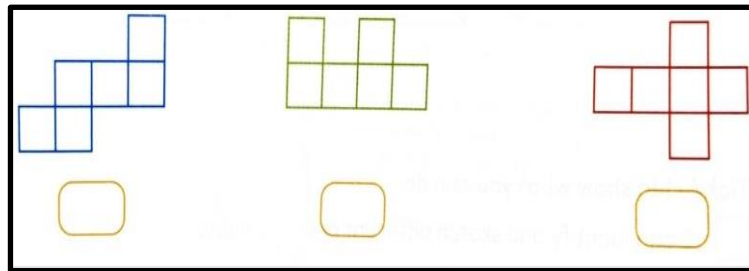**Q.3. Amelia marked the following decimals on a number line.**   **(2)**

-1.2   1.4   -0.7   0.5

She then looked at the number line and said that 1.4 is the greatest decimal while -1.2 is the smallest decimal. Explain if she is correct using the number line.

_____

_____

_____

Q.4. Tick (✓) the nets that can form a closed cube. **(1)**

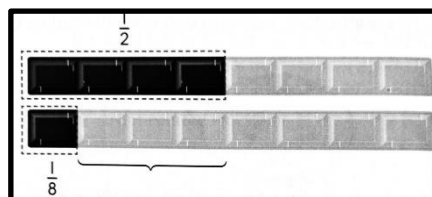**Q.5. Round to the nearest whole number.** **(1)**

$ 2.50 _____

Q.6. At a fruit stall, $\frac{3}{5}$ of the fruit are apples, and the rest are oranges. There are 150 apples. How would you find the total number of fruits at the stall? **(2)**
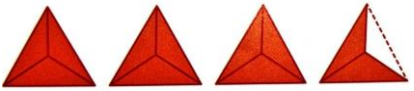
_____

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Q.7. Ron has $\frac{1}{2}$ of the chocolate bar. Marcus has $\frac{1}{8}$ of the chocolate bar. How much more chocolate bar does Ron have than Marcus? **(2)**

_____

_____

_____

_____

Q.8. Complete the table. **(2)**

Diagram	Improper fraction	Mixed number

Q.9. The table shows the discount some shops are giving during a sale. **(3)**
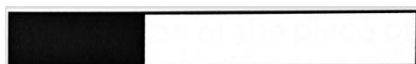
Shop	A	B	C	D	E
Discount	20% of the price	$\frac{3}{5}$ of the price	0.7 of the price	40% of the price	$\frac{4}{5}$ of the price

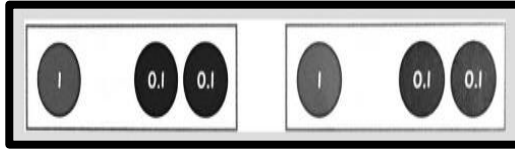Express all the values as decimals and arrange them in ascending order.

_____

_____

_____

_____

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_____

Q.10.a. Estimate the fraction of the rectangle that is shaded. **(2)**

     _____

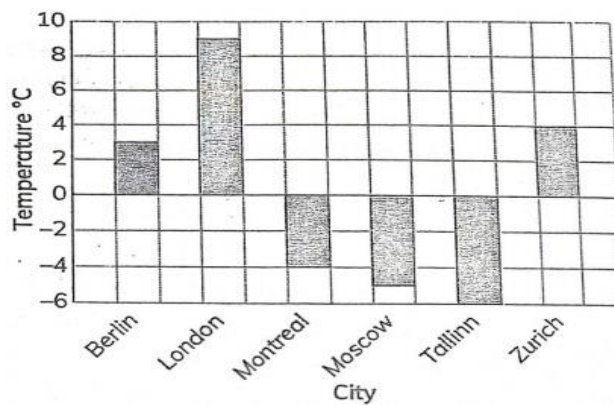**b. Divide the shaded part equally into three. What fraction of the whole is each part? show an example.**

_____

_____

_____

_____

_____

Q.11. The table is 1.2 m long. There are two such tables in Harry's house. What is the total length of the table? **(1)**

_____

_____

_____

_____

Q.12.Here is part of a number line. Write the missing numbers and explain. **(1)**
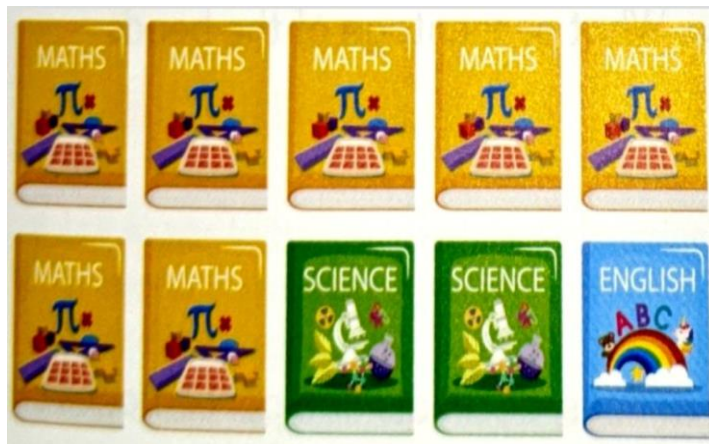

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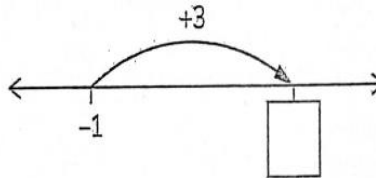
Q.13. Here is the temperature of the cities. **(1)**

a. The next day, the temperature in Zurich falls by 6°C. What is the new temperature?

_____

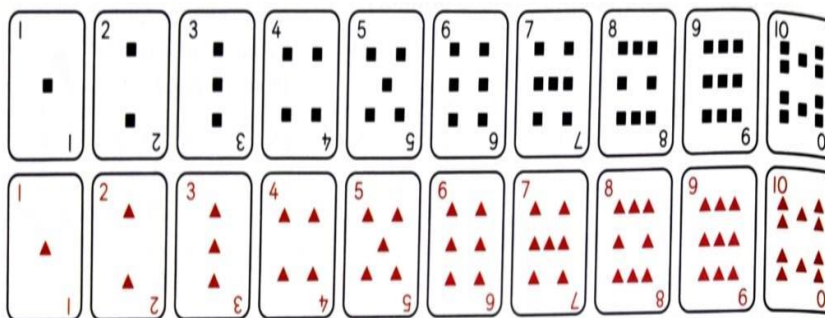**Q.14. 100 textbooks are donated to charity.** **(3)**

a. _____ of the textbooks are math books, Write in fractions.

b. _____ of the textbooks are Science books, Write in decimal.

c. _____ of the textbooks are English books, Write in percentage.

Q.15. Izzy takes a card. Fill in the blanks using the terms of likelihood. **(3)**

a. Izzy is _____ likely to take a triangle card than a card with other shapes.

b. Izzy is _____ likely to take a card with a composite number than a card with a prime number.

c. c. It is_____ for Izzy to take a card with a hexagon on it.

Q.16. Here is a list of the Maths test marks. **(2)**

       100,   100,   97,   85,   85,   82,   74,   74,   74,   66,   54

a. What is the median of the math marks?   _____

b. What is the mode of the math marks?   _____

Q.17. Find the place value.
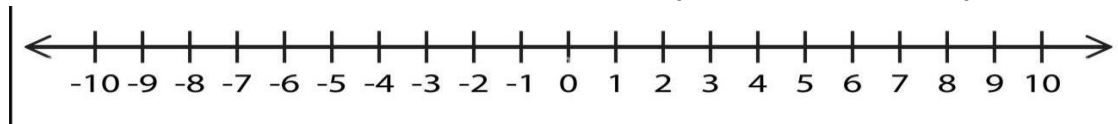
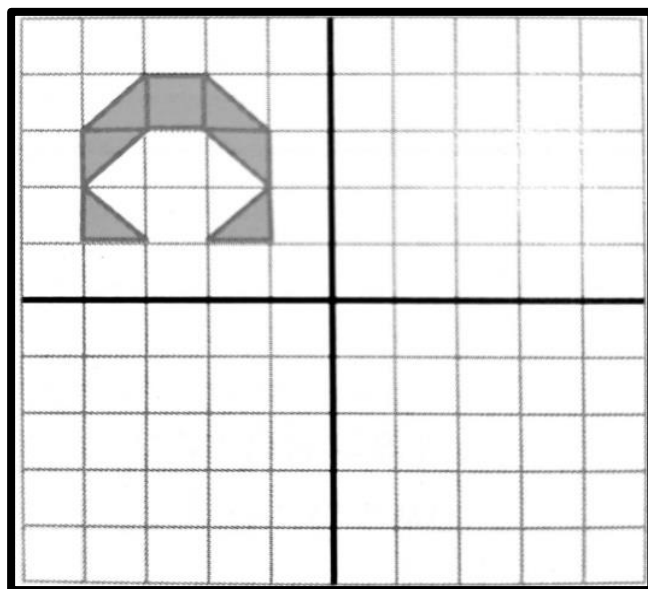   a. Circle the number in which the value of digit 5 is five thousand. **(1)**

      4503.56   50213.6   234647.05

   b. Mark the decimals on the number line: - **(-1.8, 0.3, -0.9, -2.4)** **(2)**

Q.18. Tina uses triangles and squares first. Then he reflects the shapes in both vertical and horizontal mirror lines. Show the reflections on the grid. **(3)**
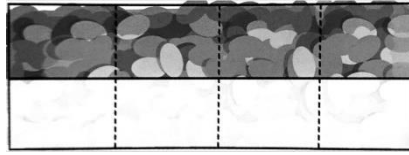

Q.19. Jonas uses $\frac{1}{3}$ of a tin of blue paint to paint a vase. There are 2 vases. What fraction of the tin of blue paint does Jonas use? **(1)**

_____

_____

_____

_____

Q.20. Find the missing digit. **(2)**

$$
\begin{array}{r}
4 \,.\, 1 \, \square \\
-\, 2 \,.\, \square \;\; 1 \\
\hline
\square \,.\, 3 \quad 7 \\
\end{array}
$$

Q.20. De Ming has $\frac{1}{2}$ a snack bar. It is shared equally among 4 people. What fraction of the snack bar does each person get? **(2)**

_____

_____

_____

Q.22. Show percentage by shading the squares. Express them as fractions out of 100.

   a. 15% **(1)**

****