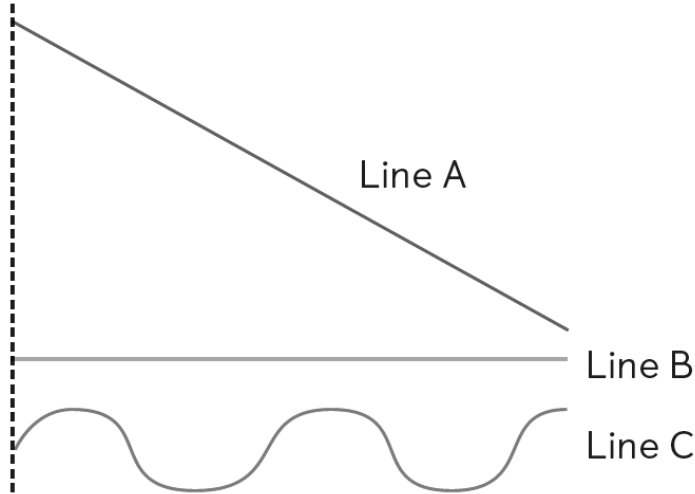


Placement Test for
Primary Mathematics 3B

1. Which line is the longest? Which is the shortest? [5]



Measure the lines.

Length of Line A: _____ cm

Length of Line B: _____ cm

Length of Line C: _____ cm

Longest: Line _____ Shortest: Line _____

2. Circle the correct length for each object. [4]

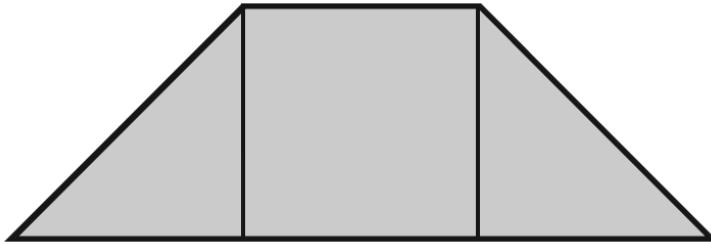
(a) Length of a book 26 cm or 26 m

(b) Height of a door 2 cm or 2 m

(c) Length of a baseball bat 2 in. or 2 ft

(d) Width of a backpack 17 in. or 17 yd

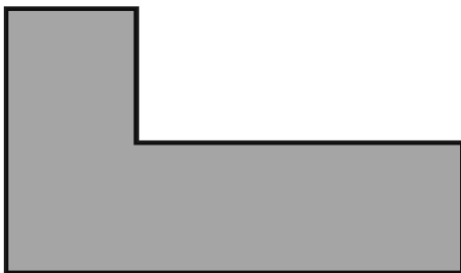
3. A square and two triangles are put together to make this shape. [1]



Use a square and two triangles to make another shape.



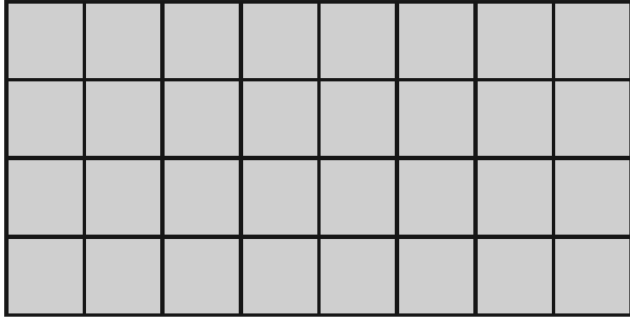
4. Draw a line in the shape to show a rectangle and a square. [1]



5. Multiply.

How many small squares () are there?

[1]

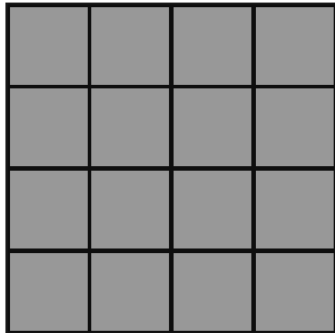


$$4 \times 8 = \underline{\hspace{2cm}}$$

6. Multiply.

How many small squares () are there?

[1]

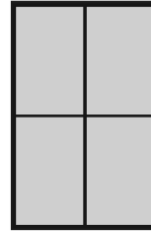
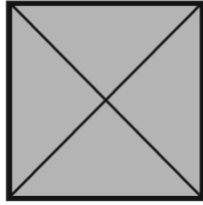
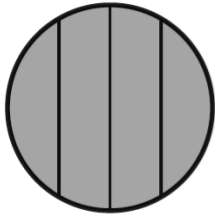


$$4 \times 4 = \underline{\hspace{2cm}}$$

7. Which shapes are divided into fourths?

Circle the correct answers.

[2]



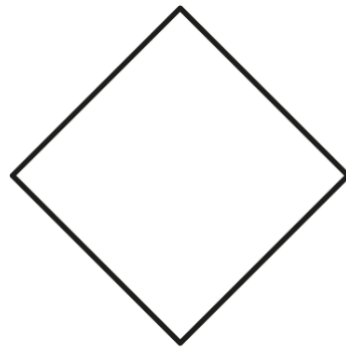
8. Divide each shape into halves.

[2]

(a)



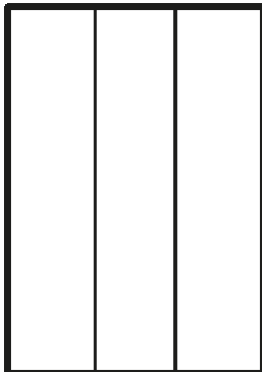
(b)



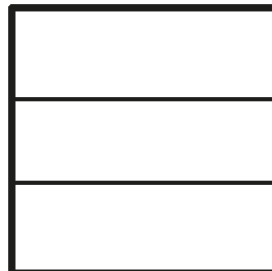
9. Color a third of each shape.

[2]

(a)



(b)



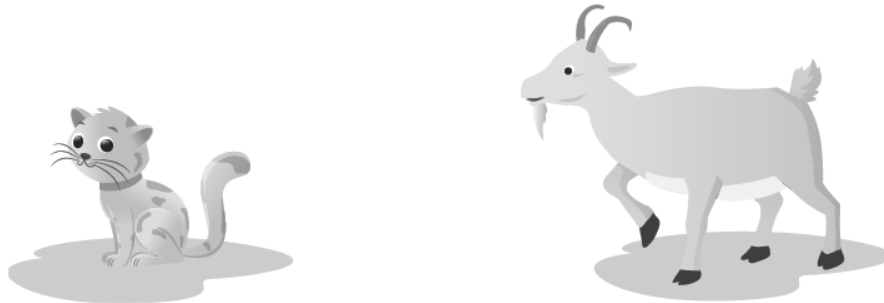
10. Write **heavier** or **lighter**. [2]

(a)



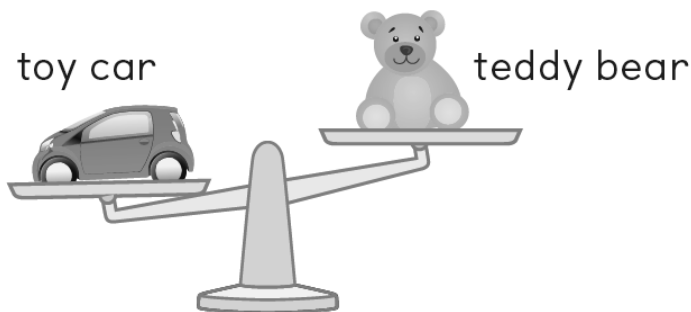
The cow is _____ than the duck.

(b)



The cat is _____ than the goat.

11. Look at the picture. [2]



(a) The _____ is heavier than the _____.

(b) The _____ is lighter than the _____.

12. Circle the item that is heavier.

[3]

(a) An apple or a pumpkin?



(b) An orange or a feather?



(c) A jar full of beans or a jar full of cotton?



13. Which glass has more water?

[1]



Glass A



Glass B

(A) Glass A

(B) Glass B

(C) Glasses A and B have the same amount of water.

14. Which jug has more juice? [1]



Jug C



Jug D

- (A) Jug C (B) Jug D
(C) Jugs C and D have the same amount of juice.

15. Which bottle has less water? [1]



Bottle E



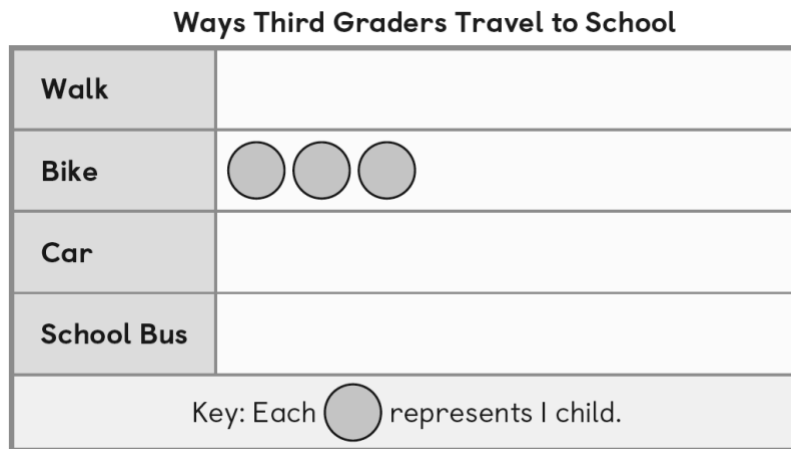
Bottle F

Bottle _____ has less water than Bottle _____.

16. The tally chart below shows the ways in which some third graders travel to school. [6]

Way to Get to School	Tally
Walk	I
Bike	
Car	I
School Bus	

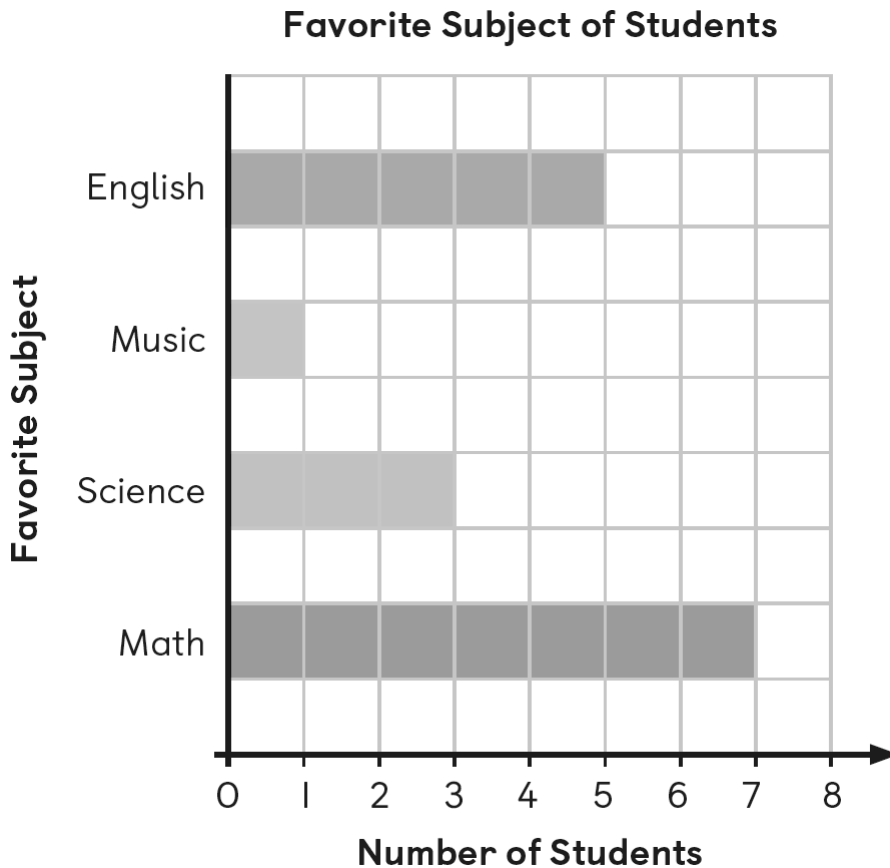
- (a) Use the data in the tally chart to complete the picture graph.



Fill in the blanks.

- (b) _____ children walk to school.
- (c) The least number of children travel to school by _____.
- (d) A total _____ of children travel to school by bike or car.

17. A group of students were asked to select their favorite subject. The bar graph shows the data. [4]



Fill in the blanks.

- (a) _____ students selected English.
- (b) _____ was the most popular subject among the students.
- (c) _____ students selected the most popular subject.
- (d) A total of _____ students were asked to select their favorite subject.

18. Kiera measured the lengths of some pencils to the nearest centimeter and recorded the results in a table. [4]

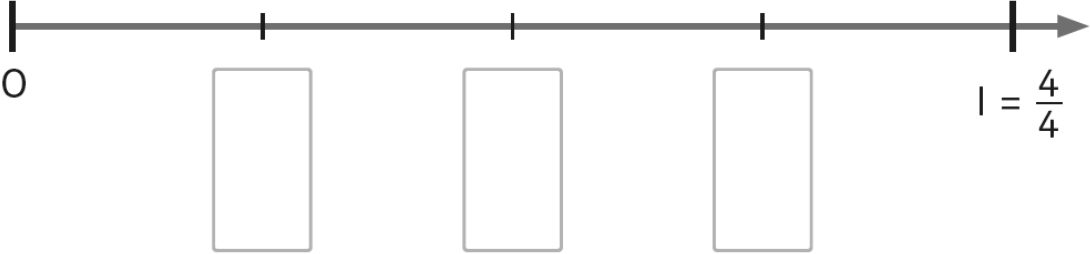
Length of Pencil (centimeters)	10	11	12	13
Number of Pencils	2	3	1	2

Show the data on a line plot.

Length of Pencils

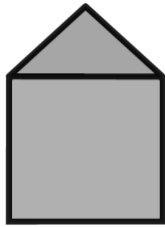


19. Fill in the correct fractions on the number line. [3]

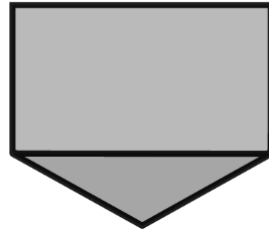


20. Name the shapes used to make the figures. [4]

(a)



(b)



21. How many angles are there in each shape? [2]

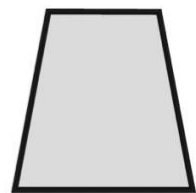
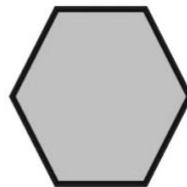
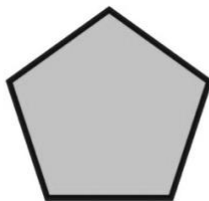
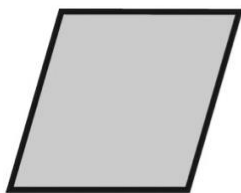
(a)



(b)



22. Circle the shapes that are quadrilaterals. [2]



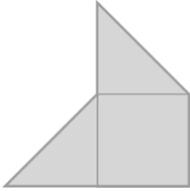
Answer Key

1. 8, 7, 9, C, B

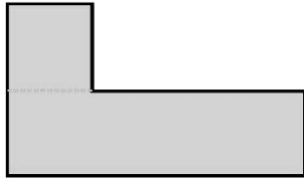
2. (a) 26 cm (b) 2 m

(c) 2 ft (d) 17 in.

3.



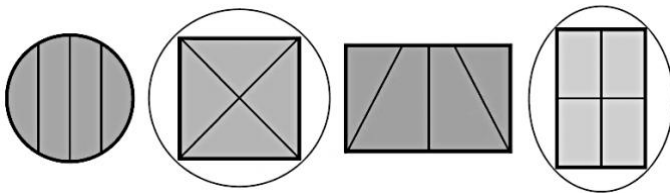
4.



5. 32

6. 16

7.

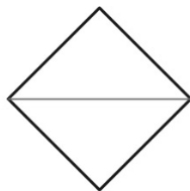


8. Answers vary. Example:

(a)

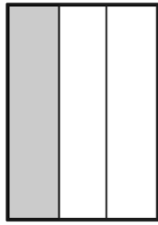


(b)

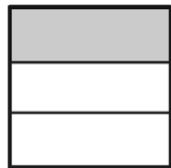


9. Answers vary. Example:

(a)



(b)



10. (a) heavier

(b) lighter

11. (a) toy car, teddy bear

(b) teddy bear, toy car

12. (a) pumpkin

(b) orange

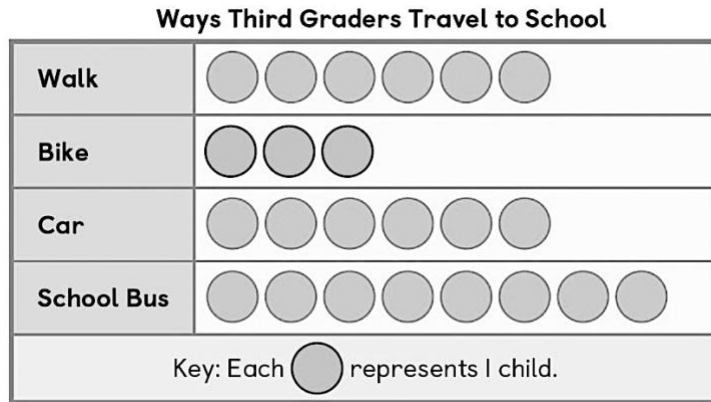
(a) a jar full of beans

13. C

14. A

15. F, E

16. (a)



(b) 6

(c) bike

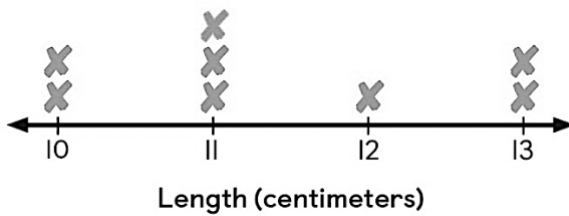
(d) 9

17. (a) 5 (b) Math

(c) 7 (d) 16

18.

Length of Pencils



19. $\frac{1}{4}$, $\frac{2}{4}$ or $\frac{1}{2}$, $\frac{3}{4}$

20. (a) triangle, square

(b) rectangle, triangle

21. (a) 3 (b) 4

22.

