_____TIME FIRST PAGE_____

Fill missing numbers in multiplication-division table.

1

	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6		10	12	14	16	18	20
3	3	6	9	12		18	21		27	30
4	4	8		16		24	28	32	36	
5		10	15	20		30	35		45	50
6	6	12	18		30	36		48	54	60
7	7	14	21	28		42	49	56	63	
8	8		24	32	40	48			72	80
9	9		27	36	45		63	72	81	90
10	10	20	30	40		60	70	80		100

2

ABCD is a square with the side 10 cm. ATMD is a rectangle with the short side equals 3cm. Which perimeter is bigger - the perimeter of the square ABCD or the perimeter of the rectangle ATMD? What is the difference?

_____

_____
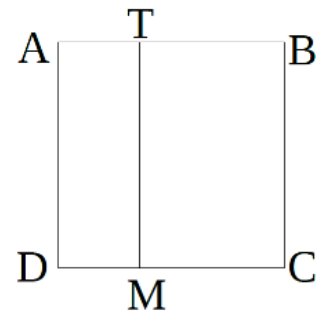
3

Write an expression for each problem:

a) A factory packs **x** gift boxes each day. How many giftboxes will it pack in **q** days? _____

b) A factory packs **x** gift baskets each day. How long will it take to pack **z** baskets? _____

c) A train moves **v** kilometers each hour. How far will it move in **t** hours? _____

d) A train moves **v** kilometers each hour. How long will it take to move **d** kilometers? _____

4

Fill in missing numbers:

$\_\_ \times 9 = 72$ $\_\_ \times 7 = 56$ $\_\_ \times 6 = 24$ $\_\_ \times 8 = 24$

$\_\_ \times 8 = 48$ $\_\_ \times 7 = 28$ $\_\_ \times 3 = 27$ $\_\_ \times 5 = 40$

$\_\_ \times 4 = 16$ $\_\_ \times 4 = 12$ $4 \times \_\_ = 32$ $6 \times \_\_ = 30$

$9 \times \_\_ = 63$ $3 \times \_\_ = 18$ $9 \times \_\_ = 81$ $7 \times \_\_ = 28$

Report the time you spent: _____ minutes

5 Solve the problems.

a) There are 217 oak trees, 326 pine trees, and 78 maple trees in a park. What is the total number of these three types of trees growing in the park?
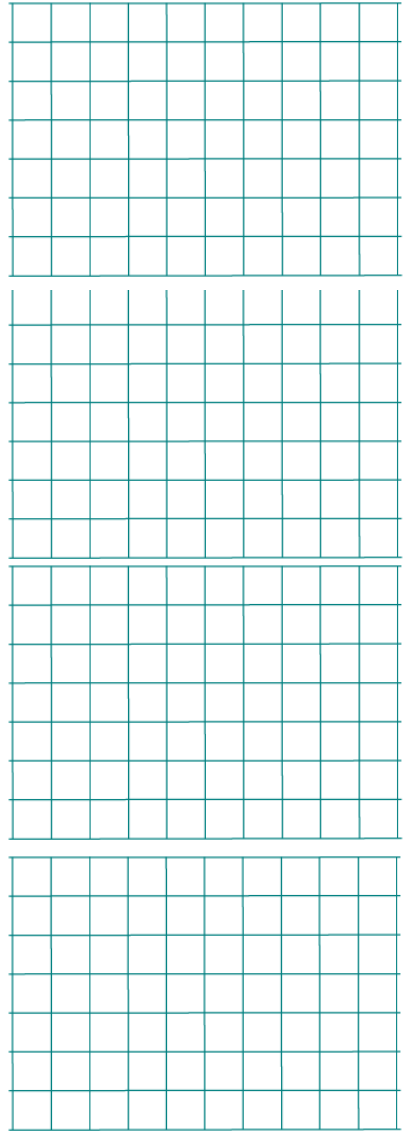
b) To build a house Bear bought 524 white bricks and 316 red bricks. How many bricks did he buy? How many more white bricks than red bricks did he buy?

c) Fox has brought to the construction project 275 liters of paint. There were 96 L of yellow paint and 38 L less green paint than there was yellow. How many liters of paint other than yellow and green was brought?

d) On three 2nd grade teams (2A, 2B and 2C) there are 90 students. There are 34 students on the 2A team, there are 2 more students than that on the 2B team. How many students are on the 2C team?

What other questions can you ask?
Write the question and find an answer.

_____

6 Solve the equations:

$4 \times x = 320$ $\qquad$ $y \times 8 = 560$ $\qquad$ $12 \times z = 144$

$480 \div x = 8$ $\qquad$ $84 \div y = 7$ $\qquad$ $108 \div z = 12$

HW 27

7 Calculate:

$120 \div 10 =$ $600 \div 10 =$ $9900 \div 10 =$ $8700 \div 10 =$

$5800 \div 100 =$ $8000 \div 100 =$ $9900 \div 100 =$ $8700 \div 100 =$

8 Solve the equations and check the answers.

$(250 + x) - 250 = 315$ $x - (200 - 47) - 100 = 170$ $x + (246 - 123) = 895$

9 Compare using >, <, or =.

$200 \text{ cm}^2 \square 3 \text{ dm}^2$ $500 \text{ dm}^2 \square 5 \text{ m}^2$ $30 \text{ dm}^2 \square 1 \text{ m}^2$

$300 \text{ dm}^2 \square 300 \text{ m}^2$ $70 \text{ cm}^2 \square 7 \text{ dm}^2$ $20 \text{ m}^2 \square 200 \text{ cm}^2$

$7 \text{ m}^2 \square 700 \text{ dm}^2$ $9 \text{ m}^2 \square 900 \text{ cm}^2$ $9 \text{ dm}^2 \square 900 \text{ cm}^2$

$600 \text{ dm}^2 \square 8 \text{m}^2$ $6 \text{ dm}^2 \square 80 \text{ cm}^2$ $4 \text{ m}^2 \square 400 \text{ cm}^2$

10 Finish the drawing on the other side of the line of symmetry.
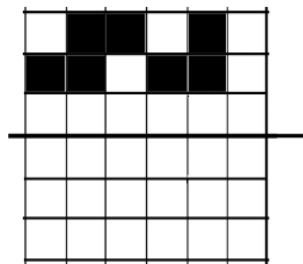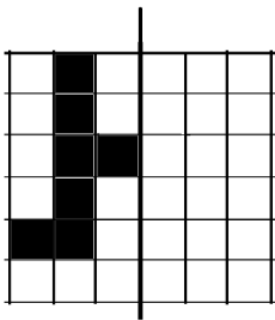
2

11 How many segments are there on the picture?
How many triangles?
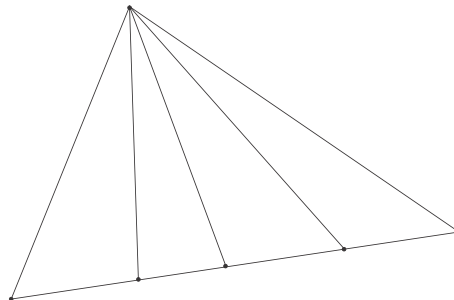
12 The length of a rectangle is equal to **a** cm and its width is **b** cm. Explain the geometric   meaning of the following expressions:

a – b   _____

a × b   _____

a × 2 + b × 2 _____

3

13 On the diagrams of three sets A, B, and C, put 2 elements - a heart 💙 and a cloud, ☁ so that:

a) Each set contains two elements

b) Set A contains two elements, set B also contains two elements, and set C contains one element.

c) Set A contains two elements, sets B and C contains 1 element each

d) Set A contains two elements, set B contains one element, and set C is an empty set
e) Set A contains two elements, set B contains two elements, and set C is an empty set

f) Each set contains one element
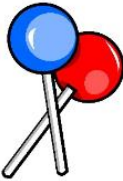
a)

b)

c)

d)

e)

f)
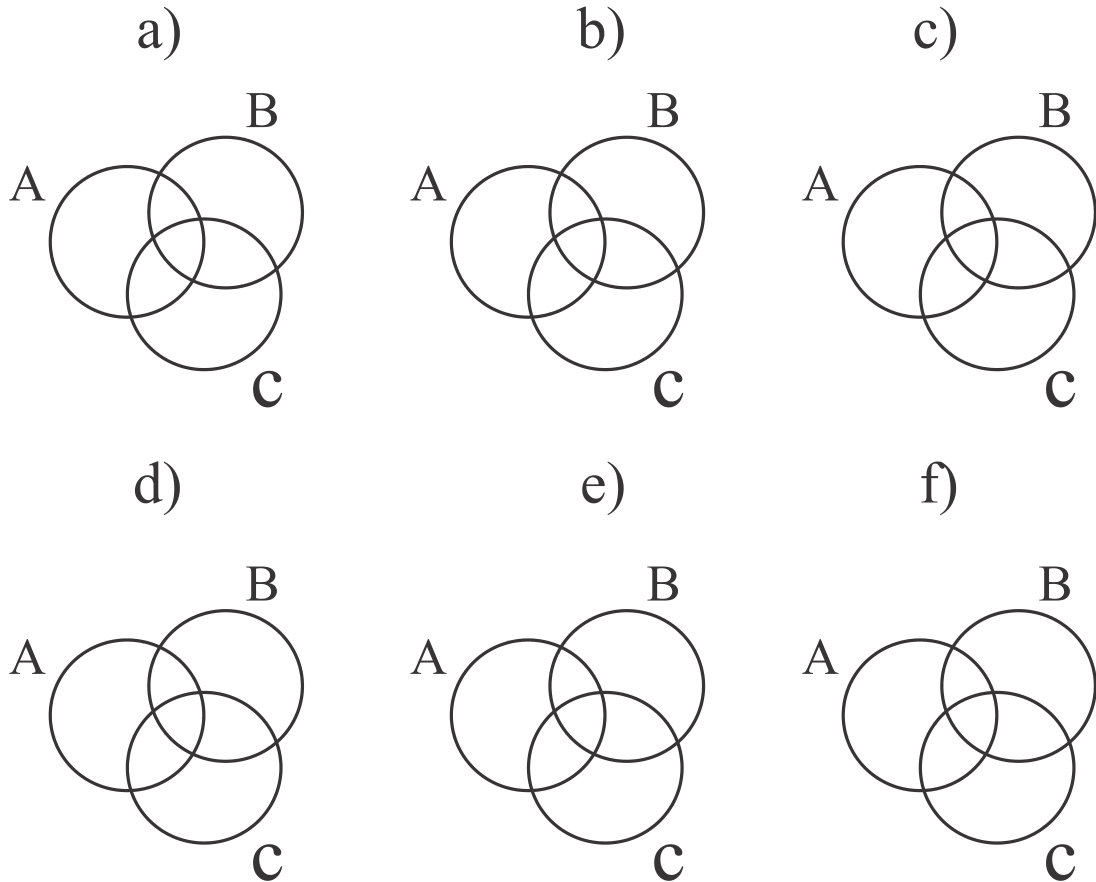
14 Three-dimensional figures have faces, edges and vertices. Each face has length and heights.

15
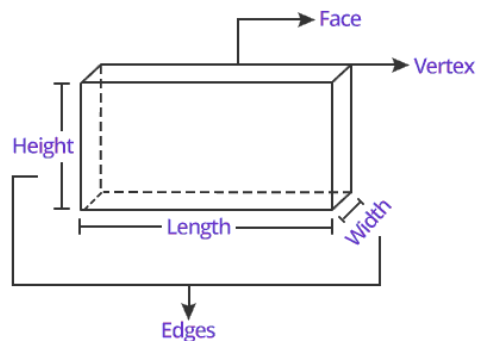
Name of 3D shape:	Picture of 3D shape:	Attributes:
Cube		Faces - 6 Edges - 12 Vertices - 8
Rectangular Prism or Cuboid		Faces - 6 Edges - 12 Vertices - 8
Sphere		Curved Face - 1 Edges - 0 Vertices - 0
Cone		Flat Face - 1 Curved Face - 1 Edges - 1 Vertices - 1
Cylinder		Flat Face - 2 Curved Face - 1 Edges - 2 Vertices - 0

Circle the shape which best matches the real life object in the picture.

Cone / Cube / Cylinder	Cone / Sphere / Cylinder	Cylinder / Cone / Cube
Cone / Cube / Cylinder	Sphere / Cube / Cylinder	Cone / Sphere / Cylinder
Cone / Sphere / Cylinder	Cone / Cube / Cylinder	Sphere / Cone / Cube