

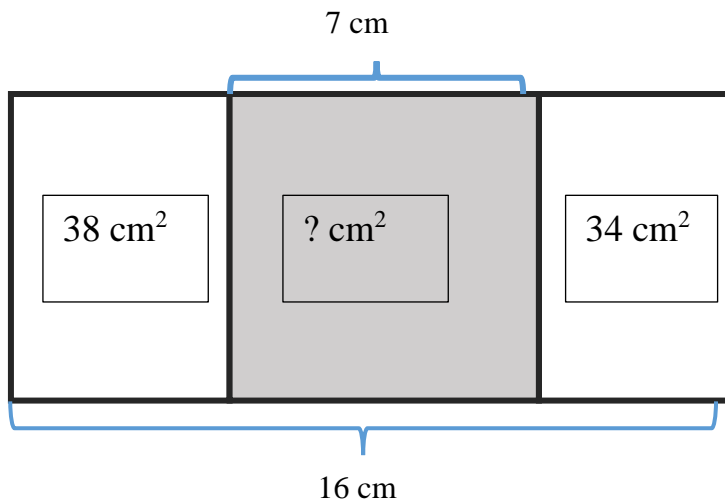
HW 19

Division with remainder.

6. Compare without making a calculation. Use $<$, $>$, $=$

$(54 - 42) \div 3 \dots 54 \div 3 - 42 \div 3$ $18 \times 12 \dots 11 \times 18 - 18$
 $54 \times (6 - 3) \dots 54 \times 6 - 54 \times 3$ $204 \times 3 \dots 204 \times 2 - 204$

7. Find an area of a middle rectangle. Find a perimeter of the entire shape.



A = _____

P = _____

8. Convert:

$2 \text{ dm}^2 = \underline{\hspace{2cm}} \text{ cm}^2$ $3 \text{ dm}^2 = \underline{\hspace{2cm}} \text{ cm}^2$ $5 \text{ m}^2 = \underline{\hspace{2cm}} \text{ dm}^2$
 $100 \text{ dm}^2 = \underline{\hspace{2cm}} \text{ m}^2$ $11 \text{ dm} = \underline{\hspace{2cm}} \text{ cm}$ $200 \text{ dm}^2 = \underline{\hspace{2cm}} \text{ m}^2$
 $500 \text{ cm} = \underline{\hspace{2cm}} \text{ dm}$ $300 \text{ dm}^2 = \underline{\hspace{2cm}} \text{ m}^2$ $20 \text{ dm}^2 = \underline{\hspace{2cm}} \text{ cm}^2$

9. Calculate, follow the order of operations:

$$24 : 3 - (3 + 5 \cdot 2 - (10 : 2 + 1)) = \dots$$

- a) $200 - 80 \div 5 + 3 \times 4 = \underline{\hspace{4cm}}$
- b) $4 \times 8 + 42 \div 6 \times 5 = \underline{\hspace{4cm}}$
- c) $63 + 100 \div 4 - 8 \times 0 = \underline{\hspace{4cm}}$
- d) $72 \times 10 - 64 \div 2 \div 4 = \underline{\hspace{4cm}}$
- e) $54 + (13 + 61 - 4 \times (2 + 3)) = \underline{\hspace{4cm}}$
- f) $(4 + (4 + (12 - 6 \div 2)) - 2) - 6 = \underline{\hspace{4cm}}$



10

Find quotient and remainder from the division of different numbers by 6.

$10 \div 6 = \underline{\quad} + \underline{\quad}$

$14 \div 6 = \underline{\quad} + \underline{\quad}$

$19 \div 6 = \underline{\quad} + \underline{\quad}$

$16 \div 6 = \underline{\quad} + \underline{\quad}$

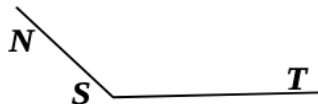
$17 \div 6 = \underline{\quad} + \underline{\quad}$

$13 \div 6 = \underline{\quad} + \underline{\quad}$

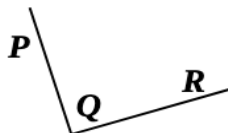
11

What kind of angles do you see on the drawing?

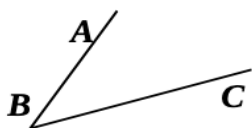
$\angle NST$ is _____



$\angle PQR$ is _____



$\angle ABC$ is _____



$\angle EFL$ is _____



12

Find a number in the table which can be divided by 8 with a remainder 1?

67	72	51
42	73	64
60	20	69

13

A road construction team is repairing a road. It has repaired 156 meters. The remaining part is 5 times the part repaired. What is the total length of the road? Draw a diagram to help yourself solve a problem.

14

a) Draw a quadrilateral in which all the angles are different sizes. Label the angles.

b) Draw a quadrilateral in which two of the angles are the same size. Label the angles.

15

Use the distributive property to multiply 35×35 . During the class on Sunday, you were asked to find out how to make this kind of multiplication fast. Come up with the strategy. Draw the picture if it will help you.

