

Mathematics

Delprov B

Årskurs

6

Elevens namn och klass/grupp

Solve the tasks and write the answers.

(5/0/0)

1. a) $4\,786 + 201 =$ _____

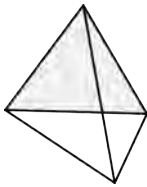
b) $302 - 297 =$ _____

c) $\frac{400}{100} =$ _____

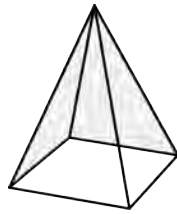
d) $6.5 \cdot 10 =$ _____

e) $\frac{612}{3} =$ _____

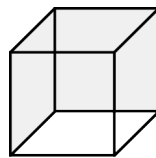
2.



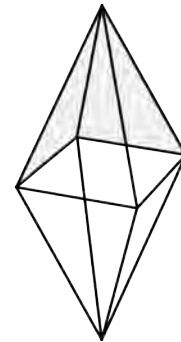
shape 1



shape 2



shape 3



shape 4

Which shape matches the following description?
"The shape has 12 edges and 8 corners."

(1/0/0)

Answer: _____

3. The calculator displays 0.657.
Which digit do you need to subtract
for the "five" to become a "two"?



(0/1/0)

Answer: _____

4. Use your preferred method of calculation.
Show your calculations.

a) $783 - 98$

(2/0/0)

b) $541 - 276$

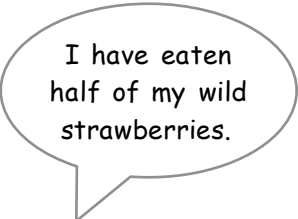



(2/0/0)

c) $7 \cdot 264$

(2/0/0)

5. Look at the boxes containing images, digits and speech bubbles.
Which match the digits in the form of percentages?
Write two letters for each digit.

- a) 25 % _____ _____ (1/0/0)
- b) 20 % _____ _____ (1/0/0)
- c) 60 % _____ _____ (0/1/0)

A	B	C
	$\frac{1}{5}$	0.6
D	E	F
0.25		$\frac{4}{5}$
G	H	I
	$\frac{1}{6}$	

6.

Thermos

Apple



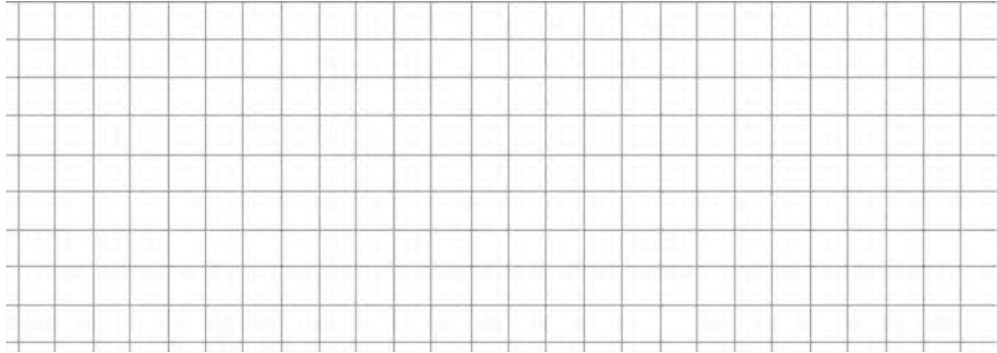
480 g



196 g

- a) Kevin's thermos weighs 480 g. (2/0/0)
How much do 3 thermoses weigh in total?
Show your working.
- b) Kevin's apple is cut into four equally large slices. (2/0/0)
How much does each slice weigh?
Show your working.

7. a) Draw a rectangle with a perimeter of 12 cm. (1/0/0)



- b) What is the area of your rectangle?
Show your working. (2/0/0)

Write the digits so that the equations are correct.

(2/2/0)

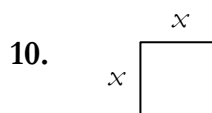
8. a) $3.1 + \underline{\hspace{2cm}} = 4.0$ b) $12 = \underline{\hspace{2cm}} - 20$
c) $6 \cdot 7 = \underline{\hspace{2cm}} + 12$ d) $100 \cdot \underline{\hspace{2cm}} = 30$

9. Solve the equations.

a) $25 + 5 = x + 15$ Answer: $x = \underline{\hspace{2cm}}$ (1/0/0)

b) $\frac{x}{3} = 6$ Answer: $x = \underline{\hspace{2cm}}$ (1/0/0)

c) $32 = 2 \cdot x + 8$ Answer: $x = \underline{\hspace{2cm}}$ (0/1/0)



Which expression describes the perimeter of the square?
Circle your answer.

(0/1/0)

$x + x$ $4 \cdot x$ $x \cdot x$ $2 \cdot x$ $2 + x$

11. If

(0/0/1)

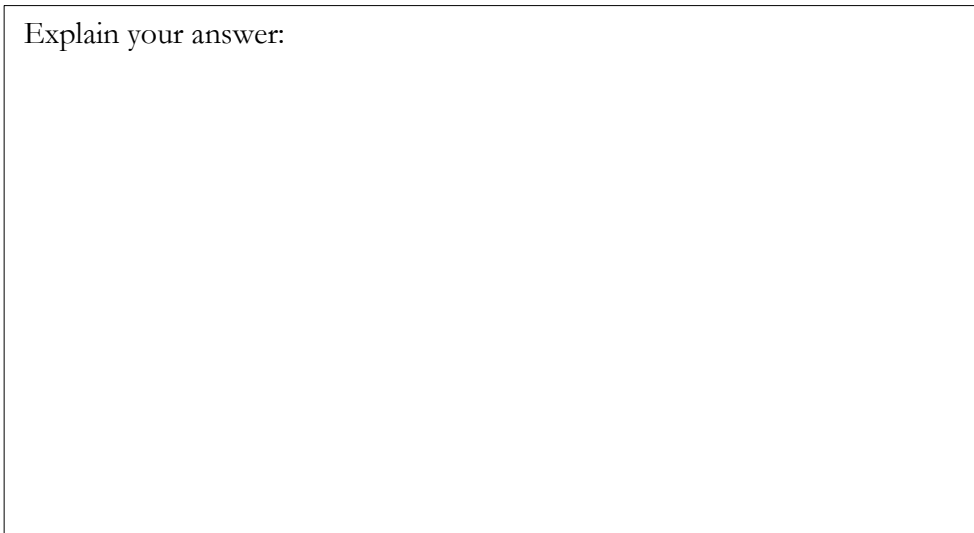
$\frac{1\ 204}{14} = 86$ What is $\frac{1\ 204}{1.4}$? Answer: $\underline{\hspace{2cm}}$

12. Circle the largest number.

(1/1/0)

a) 1.19 1.9

Explain your answer:



b) Circle the largest number.

(0/1/1)

$\frac{3}{7}$ $\frac{5}{9}$

Explain your answer:

