

Mathematics

Delprov B

Årskurs

6

Elevens namn och klass/grupp

4. Show your calculations.
Use the grid if you want.

a) $1261 - 957 =$

(2/0/0)

b) $1\ 524 + 987 + 476 =$

(2/0/0)

c) $25.3 \times 8 =$

(1/1/0)

d) Calculate the following task.
Use the grid if you want.

$$\frac{4096}{8} =$$

(2/0/0)

5. Solve the equations.

a) $3 \times x = 21$ Answer: $x =$ _____ (1/0/0)

b) $13 + 7 = 24 - x$ Answer: $x =$ _____ (1/0/0)

c) $25 + 5 = x + 10$ Answer: $x =$ _____ (1/0/0)

d) $20 = 12 + \frac{x}{2}$ Answer: $x =$ _____ (0/1/0)

6. Five children find seashells on the shore.
They distribute the shells evenly among themselves.
They get 35 shells each.
How many shells do they find in total?
Show your working.



(2/0/0)

7. Which number is roughly equivalent to 24×0.6 ? (0/1/0)
Circle your answer.

0.12 1.4 14 24.6 124

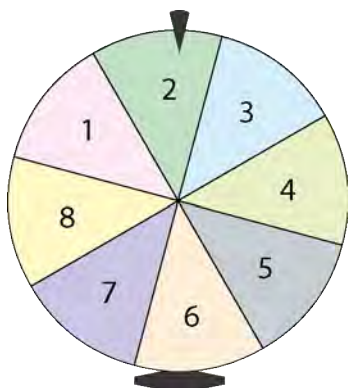
8. Maja has used a calculator to solve a problem. She got the answer 4.5. (0/1/0)
Which of the calculations did she do?
Circle your answer.

$3.8 + 1.7$ $\frac{45}{100}$ $10.0 - 6.5$ $\frac{36}{8}$ 4×1.5

9. Which two expressions give the same value when $x = 4$? (0/1/0)
Circle your two answers.

$x + x$ $10 - x$ $2 \times x - x$ $\frac{x}{2}$ $2 \times x$

10. Leo and Samira play a game of wheel of fortune.
 In each round, the wheel is spun.



- a) Leo bets on number 1, number 4 and number 7 at the same time. (0/1/0)
 What is the probability that he will win?

Write the answer only: _____

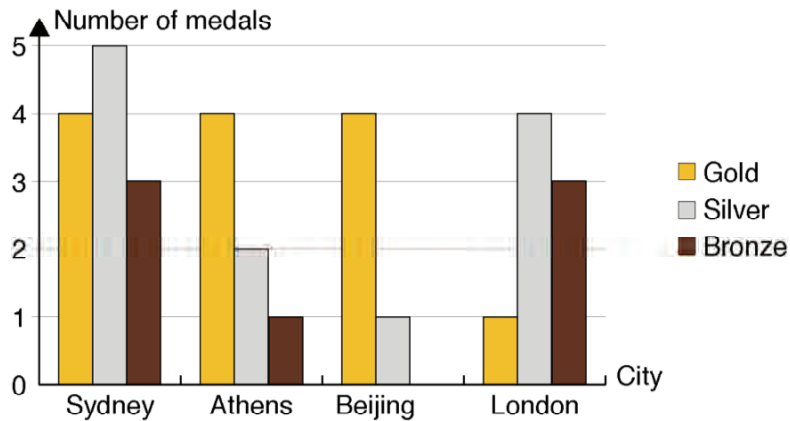
- b) How many numbers should Samira bet on in order for (0/2/0)
 the probability of her winning to be 75 %?

Show your working.

11. You know that $\frac{1\ 204}{14} = 86$. So how much is $\frac{1\ 204}{1.4}$?

Write the answer only: _____ (0/0/1)

12. The diagram shows how many medals Sweden has won in four different Olympic Games.



- a) How many silver medals did Sweden win in London? *Answer:* _____ (1/0/0)
- b) How many medals did Sweden win in Athens in total? *Answer:* _____ (1/0/0)
- c) What percentage of all medals won by Sweden in Sydney were bronze medals?
Show your working. (0/2/0)
- d) Kevin says that the share of gold medals Sweden won in Sydney was the same as it was in Athens. Is Kevin right?
Explain your answer. (0/0/2)

