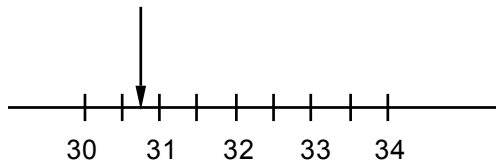


Name: Class/Group:

Part I

1. What number is the arrow pointing at?

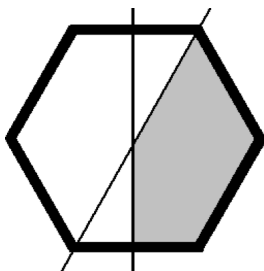


Answer: _____ (1/0)

2. A TV that normally costs 15 000 kr is sold at a discount of 20 %.
What is the discount in kronor?

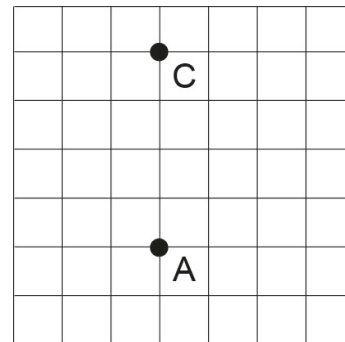
Answer: _____ kr (1/0)

3. The figure is a regular hexagon.
Each of the two extra lines divides the hexagon into two equal parts.
How much of the hexagon is shaded?
Answer in fractional form.



Answer: _____ (1/0)

4. In a square ABCD the line AC is a diagonal.
Draw the square.



(1/0)

5. Here you can see five bags of potatoes.
Which bag weighs closest to 3.5 kg?
Circle your answer.



(1/0)

6. It is known that $29.2 \cdot 1.3 = 37.96$
Find the value of $2.92 \cdot 13$?

Answer: _____

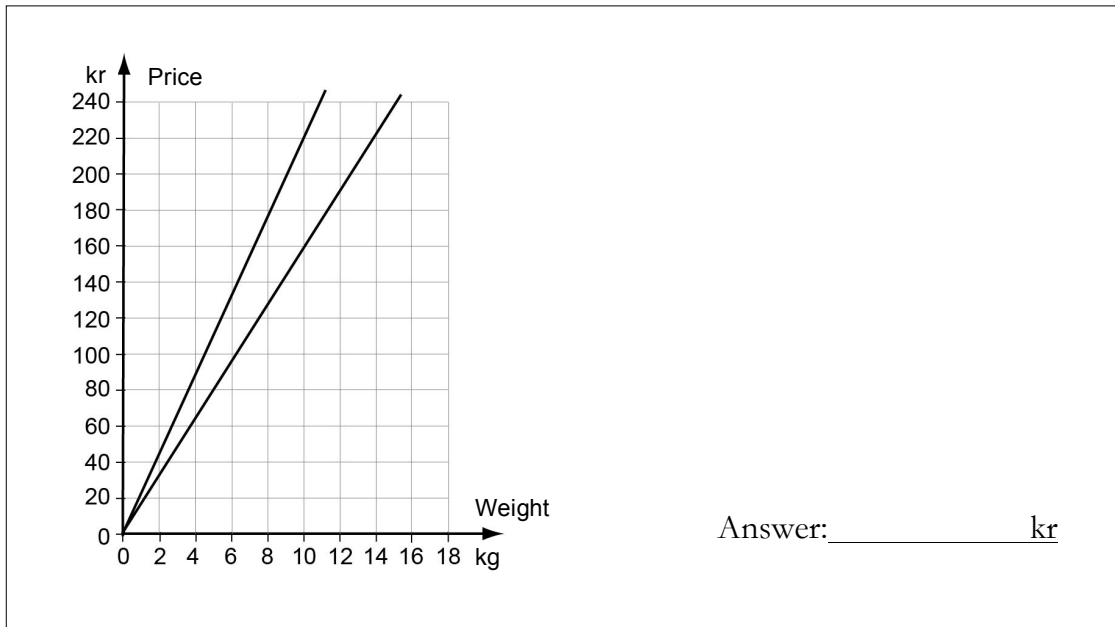
(1/0)

7. Calculate the value of $2 \cdot 10^4 + 5 \cdot 10^3$

Answer: _____

(1/0)

8. The diagram shows how the price depends on the weight for two different sorts of apples. What is the difference in price per kg? Explain your answer in the figure and in the box.



9. Adam buys a used moped. The formula $y = 10\,000 \cdot 0.8^x$ describes the moped's value y kronor after x year. How much is the annual depreciation percentage?

Answer: _____ % per year (0/1)

10. Find the value of the expression

$$\frac{26 - x}{x} \text{ if } x = -2$$

Answer: _____ (0/1)

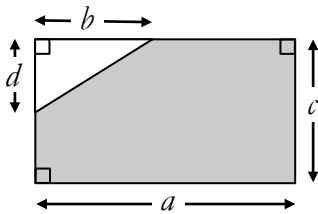
11. What number must be written in the box for the equality to be true?

$$\frac{2}{3} + \boxed{} + \frac{1}{9} = 1$$

Answer: _____ (0/1)

Continue on next page!

12. Write an expression for the shaded area.



Answer: _____ (0/1)

13. What number is missing in the empty box in the table?

x	xy	xy^2
2	10	

Answer: $xy^2 =$ _____ (0/1)

14. 15 % of a is equal to b . Write an expression for 30 % of $3a$ in b . Show your solution in the box.

Answer: _____ (0/2)