

Y5/1. A baker uses 2 bags of flour to make 100 cookies. At the same rate, how many cookies can the baker make with 6 bags of flour?

Y5/2. What is the value of 2028 is divided by 4?

Y5/3. I have a \$100 note and a packet of beans costs \$2.20. What is the maximum number packets of beans I can buy?

Y5/4. Machine A can make 600 items in 15 minutes.
Machine B can make 600 items in 20 minutes.

If both machines work together:

How many items can they make in 1 hour?

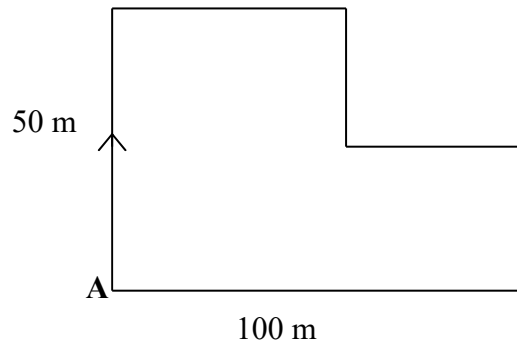
Y5/5. Mika baked some cookies.

She ate $\frac{1}{3}$ of the cookies. Her friend ate $\frac{1}{3}$ of the cookies that were left. There were 8 cookies remaining. How many cookies did Mika bake?

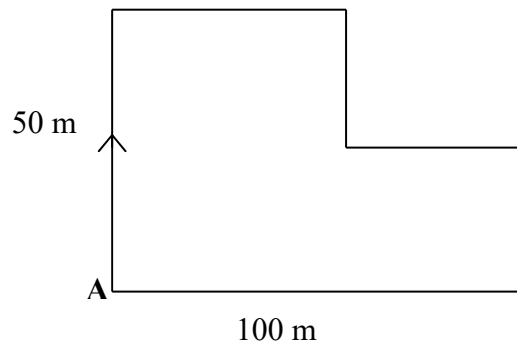
Y5/6. A jacket is on sale for $\frac{1}{3}$ **off** its original price.
After the discount, Mia pays **\$40**.

How much money did Mia save?

Y5/7. Starting at A and walking around the figure back to A, how far do I walk in m?



Y5/7. Starting at A and walking around the figure back to A, how far do I walk in m?



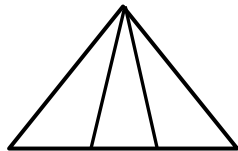
Y5/8. A barrel holds 9 litres when it is one-quarter full. How many litres will it contain when it is two-thirds full?

Y5/9. A phone was bought by paying \$80 each month for 5 months. How much was paid in total?

Y5/10. What is the next term in this sequence?

5, 11, 23, 47, _____

Y5/11. How many triangles can be found in this diagram?

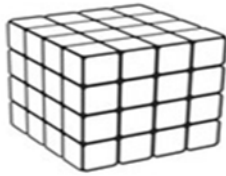


Y5/12 A magic square is shown below. The sum of the numbers in any row, column or diagonal must be same.

What is the value of P?

1		P	
12	7	6	
8	11		
13	2		

Y5/13. A cube with side length of 4 cm is painted red and cut into smaller cubes each with side length of 1 cm. How many of the smaller cubes have exactly 1 face painted?



Y5/14. A farm has chickens and cows. There are 20 animals in total and 56 legs altogether. How many chickens are there?

Y5/15 A water tank holds 500 L. It already contains 185 L. Water flows in at 35 L per hour.
How many hours will it take to fill the tank?

Y5/16. A row of 20 chairs is numbered from 1 to 20. Students sit in every chair whose number is a multiple of 2 or 3. How many students are seated?

Y5/17. Five friends each shake hands with every other friend exactly once.
How many handshakes take place?

Y5/18. A bag contains 48 sweets. Ali takes half of them. Ben then takes one-third of the sweets that remain.

How many sweets are left?

Y5/19. A father is 3 times as old as his son. Together, their ages add up to 48 years.

How old is the father?

Y5/20. In the following subtraction some digits are missing

$$\begin{array}{r} \square \quad 5 \quad 8 \\ 1 \quad 7 \quad \square \\ \hline 4 \quad \square \quad 5 \end{array}$$

What is the sum of the missing digits?
