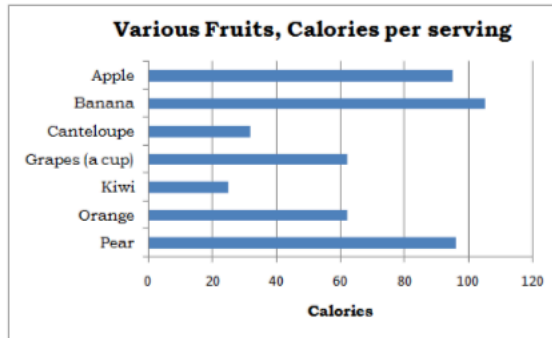


- 1) The calories per serving for different types of fruit is shown in the table below.  
Which fruit has the second lowest number of calories per serving?



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- 2) There are 22 men in Bus A and 12 men in Bus B.  
How many men must move from Bus A to Bus B so that there are an equal number of men in each bus?

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3)  $7,532 - 6,499 =$

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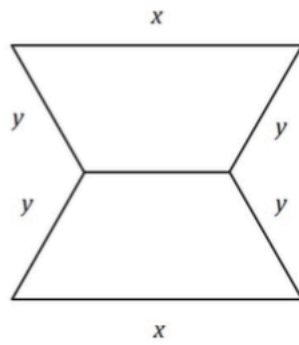
4) There are  $y$  more monkeys in the zoo than gorillas.

If there are 17 gorillas in the zoo, which expression represents the number of monkeys in the zoo?

A	$y - 17$
B	$17 - y$
C	$y$
D	$y + 17$

5) The perimeter of this shape is 102 cm.

If  $x = 11$  cm, what does  $y$  equal?



NOT DRAWN TO SCALE

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6)  $700 - 7\frac{7}{8} =$

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7) What is the next number in this sequence?

1 8 27 64 125 ?

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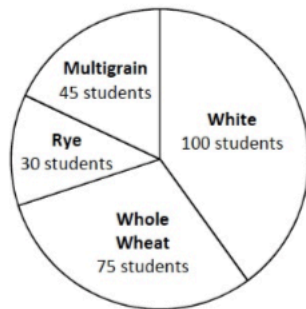
8) Linda spends 25 minutes per day in traffic.  
How long does she spend in traffic in May?  
*Write your answer in minutes.*

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9) A hat is marked for a sale at 25% off the original price.  
If the sale price of the hat is £7.50, what was the original price?

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- 10) This pie-chart shows the bread preference of students at Jimbo Primary School.  
What percentage of students prefer white bread?



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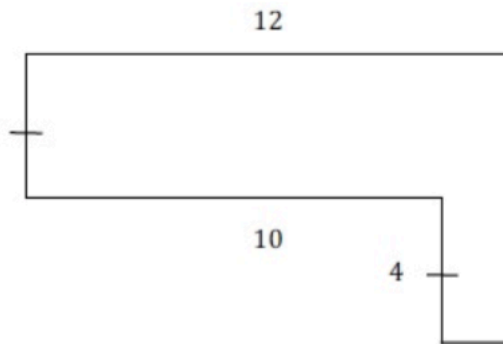
- 11) If  $G < 7$ , then  $3G + 7$  could be equal to...

A	28
B	34
C	22
D	33

- 12) Sam is twice as tall as Ron.  
Ron is 3 cm shorter than James.  
James is 7 cm taller than Fred.  
If James is 54 cm tall, how tall is Sam?

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13) What is the perimeter of this shape?



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14) Square B has a width of 5 cm.  
One side of Rectangle H measures 5 cm and its perimeter is 24 cm.  
What is the average area of Square B and Rectangle H?

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15) A cube has a volume of  $27 \text{ cm}^3$ .  
What is the surface area of the cube?

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- 16) There are 50 children in a hall.  
40% of the boys in the hall wear glasses.  
60% of the children in the hall are girls.  
How many boys in the hall do not wear glasses?

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- 17) One of the angles in a scalene triangle measures  $74^\circ$ .  
The other two angles in the triangle are represented by  $x^\circ$  and  $y^\circ$ .  
Apart from  $74^\circ$ , which other number could not equal the value of  $x^\circ$  or  $y^\circ$ ?

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- 18) The ratio of sunny days to rainy days last November was 1:9.  
How many more rainy days than sunny days were there last November?

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- 19) Team A played a 90-minute football match against Team B.  
Team A had possession of the ball for 45% of the match.  
For how many minutes did Team B have possession of the ball?

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- 20) Ben uses the digits 7, 5 and 6 once each to create a 3-digit number at random.  
What is the probability that Ben's number is greater than 666?

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