

Lachlan is thinking of two whole numbers.

When he adds the numbers together he gets 18.

If one of the numbers is 8, what answer will Lachlan get if he multiplies the numbers?

☐ 40

☐ 64

☐ 80

☐ 96



On a school bus there are 38 boys and girls travelling home from school.
There are 12 more boys than there are girls.

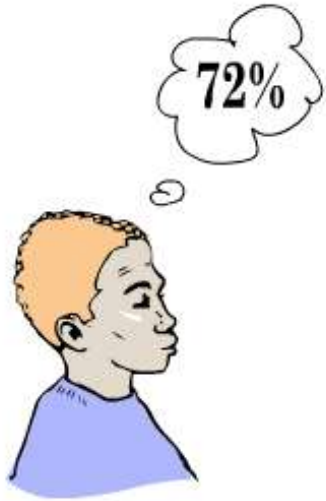
If three girls get off the bus, how many girls remain on the bus?

☐ 10

☐ 12

☐ 13

☐ 15



Bhavan scored 72% in a test.

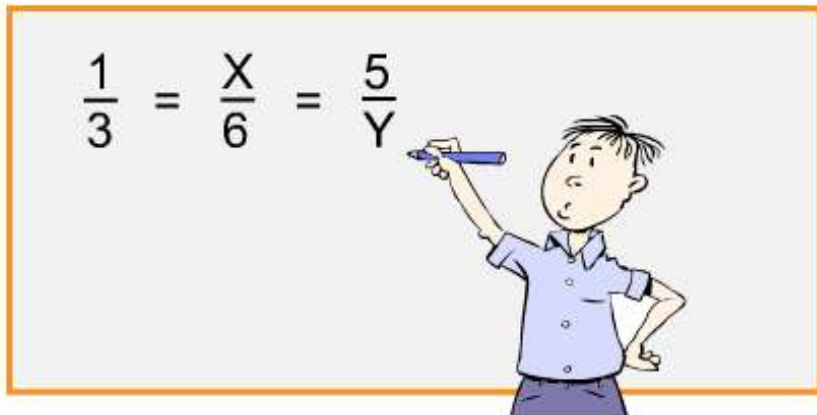
If there were 25 questions, how many did he get correct?

☐ 18

☐ 19

☐ 21

☐ 22



Samuel wrote three fractions that were equivalent.

What are the values of X and Y ?

$X = 2$ and $Y = 9$

☐

$X = 2$ and $Y = 15$

☐

$X = 4$ and $Y = 9$

☐

$X = 4$ and $Y = 15$

☐

$$56 \div \blacktriangle = 28 \div 7$$



☐ 2

☐ 4

☐ 14

☐ 28



Tanvi wanted to add 75 but instead, by mistake, subtracted it. Tanvi's answer was 175.

What should it have been?

☐ 25

☐ 100

☐ 250

☐ 325



Corey buys a book for \$17.80 and pays with a \$20 note. The bookshop has run out of 5- and 10-cent coins.

How many different ways can Corey's change be made up?

☐ 5

☐ 6

☐ 7

☐ 8



If three-quarters of a tonne of gravel costs \$60 what would half a tonne of the gravel cost?

☐ \$35

☐ \$40

☐ \$45

☐ \$50



Four students were discussing their ages.

Karl is 26 days older than Jason, but 11 days younger than Michaela.

Reuben is 16 days younger than Karl.

Who was the third oldest?

☐ Karl

☐ Jason

☐ Michaela

☐ Reuben



Ashley saved \$45 when she bought a vacuum cleaner at a department store's sale where a discount of 10% was given on the marked price.

How much did she pay for the vacuum cleaner?

☐ \$55

☐ \$405

☐ \$450

☐ \$495



On a bus, there are men, women, boys and girls.
There are three times as many children as adults.
Of the children, one-third of them are girls.

What fraction of people on the bus are boys?

$$\frac{1}{2}$$



$$\frac{1}{3}$$



$$\frac{1}{4}$$



$$\frac{1}{6}$$





Eason has three times the number of marbles as Jack, and Jack has three-quarters the number of marbles Jarrod has.

If Jarrod has 36 marbles, how many marbles has Eason?

☐ 81

☐ 96

☐ 112

☐ 120



When Liam divides a number by 6 the answer is 15.

When he divides the same number by 18 what is his answer?

☐ 3

☐ 5

☐ 12

☐ 45

The number line shows the positions of 8 and 14.



Jason has located two numbers that are twice as far from 8 as they are from 14.

One of the numbers is 12.

What is Jason's other number?

☐ 16

☐ 18

☐ 20

☐ 22



'Reg the Veg Man' sells carrots in bags of two sizes: 5 kg for \$8.60 or 2 kg for \$3.80.

How much extra will you pay if you buy 10 kg in 2-kg bags instead of 5-kg bags?

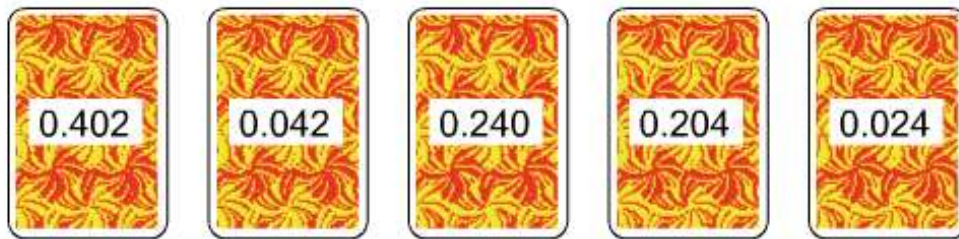
☐ \$1.80

☐ \$2

☐ \$4.80

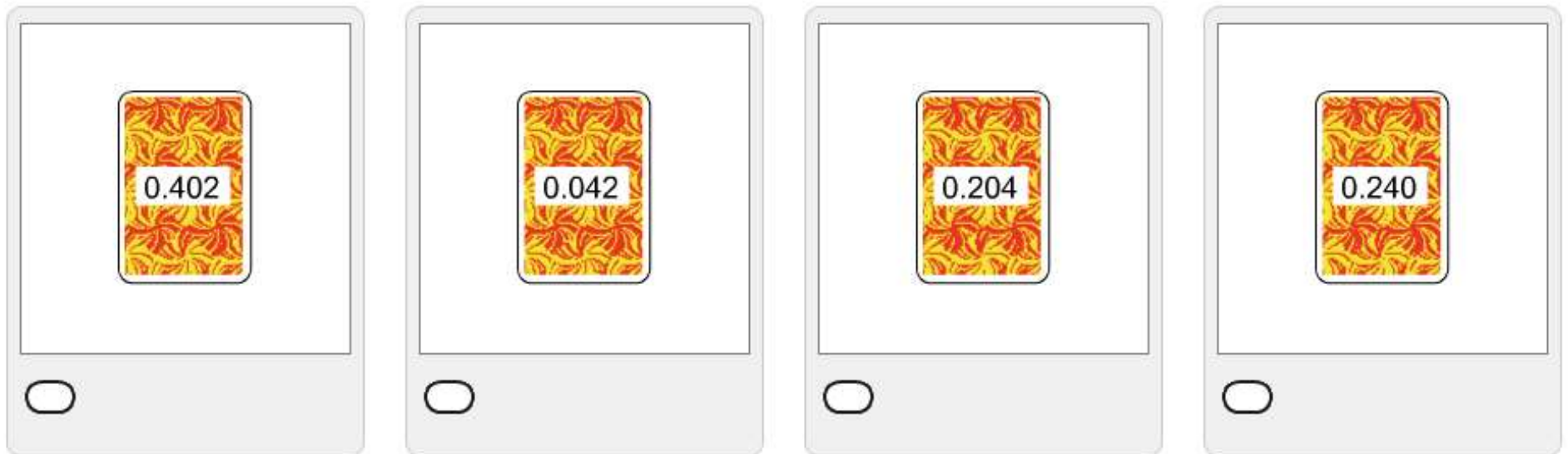
☐ \$10

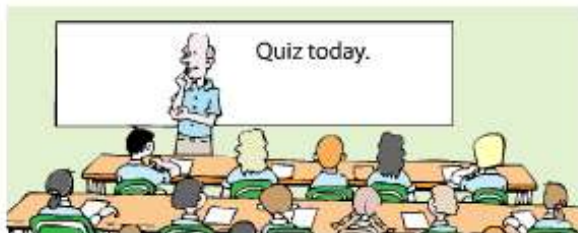
Five different decimals were written on separate cards.



Henning rearranged the cards in order from lowest to highest.

Which card is in the middle?





Every Friday, Laurie's teacher gives the class a quiz.
In the first four tests this term Laurie's average was 7.
In the next two tests she scored 10 and 9.

What must she score in the next test to increase the average of all her tests to 8?

☐ 6

☐ 7

☐ 8

☐ 9

Mary Rose knows that $312 \times 27 = 8424$.

Mary Rose is trying to work out the value of 3.12×2.7 .

What should it be?



☐ 842.4

☐ 84.24

☐ 8.424

☐ 0.8424

A magic square is made up of 16 small squares, each holding a different number between 1 and 16. All of the rows, all of the columns and both diagonals add to the same number. Some of the numbers are missing.

2	7	Q	
3	6	10	15
P			1

What is the value of P?

☐ 11

☐ 12

☐ 13

☐ 14

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