

Year 8 Class 8 questions

Q1

Write as a percentage.

$$0.95 = \boxed{} \%$$

Q2

18% of the capacity is 144 L.
Find the full capacity.

$$\boxed{} \text{ L}$$

Q3

Decrease 180 L by 35%.

$$\boxed{} \text{ L}$$

Q4

SALE ON NOW! 25% OFF THE MARKED PRICE!

Will wants to buy a skateboard marked at \$80.60. How much will he save if he buys it during the sale?
(Do not round your answer.)

$$\boxed{} \text{ \$}$$

Q5

What is the final retail price after a 10% GST is added to \$23.50?

$$\boxed{} \text{ \$}$$

Q6

Write as a percentage.

$$3.003 = \boxed{} \%$$

Q7

Write as a percentage.

$$0.0027 = \boxed{} \%$$

Q8

Write as a percentage.

$$\frac{5}{8} = \boxed{} \%$$

Q9

37.5% of the time is 225 hours.
Find the full time.

$$\boxed{} \text{ hours}$$

Q10

82.25% of the mass is 1316 kg.
Find the full mass.

$$\boxed{} \text{ kg}$$

Q11

14.2% of an amount is \$355.
Find the full amount.

$$\boxed{} \text{ \$}$$

Q12

Decrease \$200 by 7.5%.

$$\boxed{} \text{ \$}$$

Q13

Decrease \$270 by 6.5%.

$$\boxed{} \text{ \$}$$

Q14

Decrease \$480 by 8.5%.

$$\boxed{} \text{ \$}$$

Q15

Finn wants to buy a skateboard marked at \$90. The skateboard is discounted by 40%. How much does Finn pay if he buys it during the sale?

\$

Q16

Mila wants to buy a djembe marked at \$280. The djembe is discounted by 17%. How much does Mila pay if she buys it during the sale?

\$

Q17

A price of \$297 includes a GST of 10%. Calculate the amount of GST included.

\$

Q18

A price of \$820.60 includes a GST of 10%. Calculate the amount of GST included.

\$

Q19

21 students in Rosie's class completed their English task on time. If this represents 75% of the class, how many students are in the class?

Q20

Profits of \$165000 were made last year. This was 11% of total revenue. What was the total revenue?

\$

Q21

Cassandra has been jogging for 34 minutes. She is 85% of the way through her exercise program. How long is her full program?

minutes

Q22

Profits for 2016 were \$1.2 million. Due to some poor financial decisions, profits for 2017 dropped by 94%. What were the 2017 profits?

\$

Q23

35% of the cargo was lost at sea in a storm. If the original cargo was 4560 tonnes, what was the weight of the cargo on arrival at port?

t

Q24

Find the final result if \$380 is decreased by 20%, then this amount is decreased by 20%.

\$

Q25

A dress is normally priced at \$250. The sale price is \$175.

What is the discount?

\$

What is the percentage discount?

%

Q26

Blake paid \$120 for a pair of shoes which were on sale. He saved \$30.

What was the original price?

\$

What is the percentage discount?

%

Q27

A book normally costs \$20. If you buy it on sale you can save \$5. What is the percentage discount?

%

Q28

Max performs a service on a car and charges \$319 including 10% GST. Find the price excluding GST.

\$

Q29

Nick sells a computer and charges \$1342 including 10% GST. Find the price excluding GST.

\$

Q30

Pete is a wedding photographer. He charges \$5775 for a weekend wedding including 10% GST. Find the price excluding GST.

\$