

YEAR 7 END TERM 1 REVISION 5

65 marks from 65 questions

Question 1

$$41 \div 1000 = 0.041$$

The digits have moved spaces to the right.

.....

Question 2

$$3.7 \times 10$$

The digits will move 1 space:

- a. ☐ to the right
 - b. ☐ to the left
-

Question 3

10^3 is equal to:

- a. 1 hundred b. 1 thousand c. 10 thousand
-

Question 4

Which of these two numbers is the larger?

- a. 10^4 b. 10^3
-

Question 5

$$10^6 =$$

- a. 1 thousand b. 10 thousand c. 100 thousand d. 1 million e. 10 million
-

Question 6

Complete this number as a power of 10.

$$80\,000 = 8 \times 10$$

Question 7

Dividing by 10 moves each digit of the number:

- a. to the left
- b. to the right

Question 8

Multiplying a number by 100 moves each digit of the number:

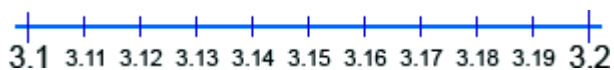
- a. ☐ 2 places to the left
- b. ☐ 2 places to the right

Question 9

If you round 3.17 to 3.2, you are:

- a. rounding to two decimal places b. rounding to one decimal place

Question 10



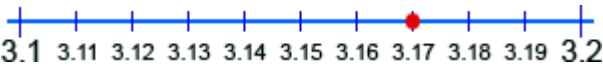
3.15 is in the middle of 3.1 and 3.2.

When rounding 3.15 to one decimal place, you would:

- a. always round up to 3.2 b. always round down to 3.1 c. sometimes round up and sometimes round down
-

Question 11

Is the number 3.17 closer to 3.1 or 3.2?



- a. ☐ 3.1
- b. ☐ 3.2

Question 12

3.15 is between:

- a. 3.0 and 3.1 b. 3.1 and 3.2 c. 3.2 and 3.3

Question 13

To round a number *down*, the next decimal place must be:

- a. 0, 1 or 2 only b. 0, 1, 2 or 3 only c. 0, 1, 2, 3 or 4 only d. 0, 1, 2, 3, 4 or 5 only

Question 14

Is the number 3.9 closer to 3 or 4?



3.9 is closer to

Question 15

Round 46.36 to one decimal place.

Question 16

Round 78.32 to one decimal place.

Question 17

$$53.2 \div 100 = \square$$

Question 18

67.4 \div 1000 is:

- a. ☐ 6740
- b. ☐ 67 400
- c. ☐ 0.674
- d. ☐ 0.0674

Question 19

$$89 \div \square = 0.89$$

Question 20

$$929 \div 1000 = \square$$

Question 21

$$8.04 \times 10 = \square$$

Question 22

$$17.3 \div 100 = \square$$

Question 23

6×10^3 is the same as:

- a. 600 b. 6000 c. 60000

Question 24

Work out:

$7 \times 10^3 \times 10^2 =$

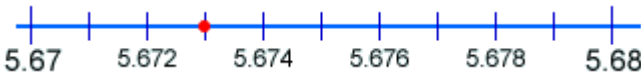
Question 25

Which of these shows the correct cut-off to round 58.1367 to two decimal places?

- a. 58. | 1367 b. 58.1 | 367 c. 58.13 | 67 d. 58.136 | 7

Question 26

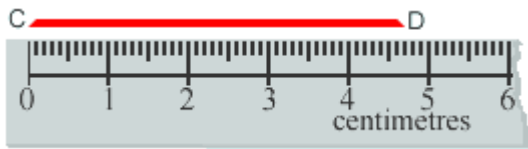
Is the number 5.673 closer to 5.67 or 5.68?



5.673 is closer to 5.6

Question 27

Is the length of the line CD closer to 4 cm or 5 cm?



CD is closer to cm in length.

Question 28

Which of these shows the correct cut-off to round 147.0029 to three decimal places?

- a.147. | 0029 b.147.0 | 029 c.147.00 | 29 d.147.002 | 9

Question 29

Round off 67.099 cents to the nearest cent.

cents

Question 30

Round 45.55 to one decimal place.

Question 31

Round 58.369 to two decimal places.

Question 32

Round 56.1278 to three decimal places.

Question 33

0.706×100 is:

- a. ☐ 7.06
- b. ☐ 70.6
- c. ☐ 706

Question 34

$5.73 \div 10 = \square$

Question 35

$0.567 \times \square = 567$

Question 36

$0.004 \times 1000 = \square$

Question 37

If rope costs \$1.68 per metre, what is the cost for 100 m?

\$

Question 38

A school paid \$3290 for 1000 glue sticks.

What was the cost of 1 glue stick?

\$



Question 39

Arun measures the water dripping from a tap. He finds that it drips 0.345 litres in one day.

How much will drip from the tap in 100 days?

litres



Question 40

$$\square \times 100 = 17.3$$

Question 41

$$89 \div 100 \times 1000 = \square$$

Question 42

Is 4.99 closer to 4.9 or 5.0?

Question 43

654.3698 correct to three decimal places is:

a.654.36 b.654.37 c.654.369 d.654.370

Question 44



2.64 rounds to ,
to the nearest whole number.



6.82 rounds to ,
to the nearest whole number.

Question 45

Select *all* the numbers below that round to 1 400 to the nearest hundred.

- a. 1 450
- b. 1 350
- c. 1 401
- d. 1 345

Be sure to select all correct answers.

Question 46

Round \$15.95 to the nearest dollar.

\$

Question 47

Round 97.98 to one decimal place.

Question 48

Round 545.369 to two decimal places.

Question 49

Round 16.0082 correct to two decimal places.

Question 50

Select the calculation that will have the *largest* answer.

- a. ☐ 67.2×10
- b. ☐ 0.672×100
- c. ☐ $6720 \div 100$
- d. ☐ $6720 \div 1000$

Question 51

Joe records the family car's fuel consumption and finds that it uses 96 litres of fuel to travel 1000 km.



What is the car's fuel consumption for each kilometre?

litres

Question 52

$$\boxed{} \div 1000 = 0.09$$

Question 53

$$1 \text{ m} = 1000 \text{ mm}$$

$$\text{So } 0.893 \text{ m} = \boxed{} \text{ mm}$$

Question 54

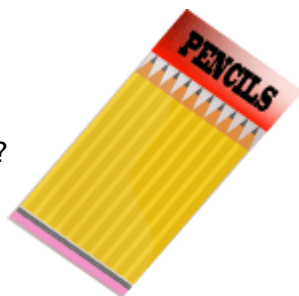
$$9.8 \times 1000 + 0.673 \times 100 = \boxed{}$$

Question 55

Pencils cost \$3.64 for a pack of 10.

How much would 1000 pencils cost?

\$



Question 56

$$5678 \div 1000 - 7.83 \div 10 = \square$$

Question 57

$$1000 \text{ m} = 1 \text{ km}$$

$$\text{So } 630 \text{ m} = \square \text{ km}$$

Question 58

A 9-metre piece of ribbon is divided into 16 equal pieces. How long is each piece (in metres) correct to one decimal place?

$$\text{Each piece} = \square \text{ m}$$

Question 59

Write $\frac{2}{3}$ as a decimal correct to four decimal places.

Question 60

Round 45.5645 to the nearest hundredth.

Question 61

23.9085 rounded to the nearest hundredth is:

a.23.90 b.23.91 c.23.908 d.23.909

Question 62

Press the π button on your calculator.

Round the number shown in the display correct to three decimal places.

Question 63

A number is written as 430.5 rounded to one decimal place.

Which of the following could be the original number?

a.430.46 b.430.445 c.430.56 d.431.0





Question 64

Key into your calculator:

Round the answer in the display to one decimal place.

Question 65

Use your calculator to find the square root of two by pressing either:

  OR  

Round the number in the display to one decimal place.
