

Grade 4 | Mental Maths | Term 4

Question 1

Write down the value of each underlined digit.

- a) 7 236
- b) 3 125
- c) 6 632
- d) 5 256

Complete:

Which number is even?

3 225 , 5 323 , 3 552

Answer:

Total ___ /5

Question 2

- a) $7\,000 + 50 = \dots\dots\dots$
- b) $600 + 9\,000 = \dots\dots\dots$
- c) $1\,000 + 400 + 600 = \dots\dots\dots$
- d) $5\,000 + 2 + 50 = \dots\dots\dots$
- e) $80 + 7000 + 40 = \dots\dots\dots$
- f) $(3 \times 10) + (9 \times 100) = \dots\dots\dots$
- g) $(6 \times 1000) + (6 \times 1) = \dots\dots\dots$
- h) $(15 \times 100) + (4 \times 1000)$
 $= \dots\dots\dots$

Total ___ /8

Question 3

Round off to the nearest 10:

- a) $75 \approx \dots\dots\dots$
- b) $896 \approx \dots\dots\dots$
- c) $7\,013 \approx \dots\dots\dots$

Round off to the nearest 100:

- a) $739 \approx \dots\dots\dots$
- b) $2\,456 \approx \dots\dots\dots$
- c) $5\,973 \approx \dots\dots\dots$

Total ___ /6

Question 4

Round off to the nearest 1 000:

- a) $1\,624 \approx \dots\dots\dots$
- b) $5\,379 \approx \dots\dots\dots$
- c) $8\,921 \approx \dots\dots\dots$

Complete:

- a) The odd numbers between 295 and 305 are

.....

- b) The 3 even numbers just before 1 004 are

.....

Total ___ /5

Question 5

The number which is:

- a) 20 more than 5 836 is
.....
- b) 5 hundred less than 9 857 is
.....
- c) 700 more than 2 604 is
.....
- d) 12×10 less than 9 500 is
.....

Total ___ /4

Question 6Insert the symbol $>$, $<$ or $=$.

- a) 3 3433 434
- b) 120 tens1 200
- c) $5\,965 \times 1$ $5\,965 - 1$
- d) $2\,000 + 600$ $3\,000 - 400$
- e) 815 $(8 \times 100) + (15 \times 10)$
- f) $6\,745 + 300$ 7 054
- g) $3\,680 + 50$ 3 720

Total ___ /7

Question 7

- a) $6 + 4 + 7 =$
- b) $15 + 16 =$
- c) $98 + 12 =$
- d) $115 + 15 =$
- e) $322 + 233 =$
- f) $980 + 75 =$
- g) $750 + 570 =$
- h) $4\,502 + 2\,540 =$

Total ___ /8

Question 8

- a) $18 +$ $= 27$
- b) $8 +$ $+ 6 = 30$
- c) $+ 70 = 105$
- d) $45 +$ $= 73$
- e) $+ 35 + 45 = 99$
- f) $250 +$ $= 400$
- g) $+ 812 = 1\,233$
- h) $2\,750 +$ $= 7\,500$

Total ___ /8

Question 9

- a) $27 - 9 = \dots\dots\dots$
- b) $80 - 15 = \dots\dots\dots$
- c) $120 - 30 - 9 = \dots\dots\dots$
- d) $520 - 50 = \dots\dots\dots$
- e) $780 - 200 - 50 = \dots\dots\dots$
- f) $1\ 000 - 121 = \dots\dots\dots$
- g) $2\ 200 - 900 = \dots\dots\dots$
- h) $7\ 300 - 3\ 070 = \dots\dots\dots$

Total ___ /8

Question 10

- a) $12 - \dots\dots\dots = 7$
- b) $40 - \dots\dots\dots = 28$
- c) $100 - \dots\dots\dots = 25$
- d) $\dots\dots\dots - 130 = 120$
- e) $\dots\dots\dots - 95 = 205$
- f) $\dots\dots\dots - 432 = 2\ 000$
- g) $8\ 050 - \dots\dots\dots = 7\ 975$
- h) $5\ 250 - \dots\dots\dots = 750$

Total ___ /8

Question 11

- a) 50 is $\dots\dots\dots$ more than 15.
- b) 85 is $\dots\dots\dots$ more than 58.
- c) 400 is $\dots\dots\dots$ more than 40.
- d) 1 256 is $\dots\dots\dots$ more than 956.
- e) 9 is $\dots\dots\dots$ less than 15.
- f) 50 is $\dots\dots\dots$ less than 125.
- g) 125 is $\dots\dots\dots$ less than 515.
- h) 799 is $\dots\dots\dots$ less than 1 700.

Total ___ /8

Question 12

- a) The sum of two consecutive numbers is 387.
What are the two numbers?
 $\dots\dots\dots$
- b) The difference between 2 500 and 1 800 is
 $\dots\dots\dots$
- c) The sum of three numbers is 640 000.
Two of the numbers are 230 500 and 170 500.
Find the third number.
 $\dots\dots\dots$

Total ___ /3

Question 13

- a) $2 \text{ kg} = \dots\dots\dots \text{ g}$
- b) $\frac{1}{2} \text{ kg} = \dots\dots\dots \text{ g}$
- c) $1 \text{ kg } 15 \text{ g} = \dots\dots\dots \text{ g}$
- d) $4\frac{1}{4} \text{ kg} = \dots\dots\dots \text{ g}$
- e) $1 \text{ kg} - 350 \text{ g} = \dots\dots\dots \text{ g}$
- f) $1\frac{3}{4} \text{ kg} + 340 \text{ g} = \dots\dots \text{ kg } \dots\dots \text{ g}$
- g) $2\frac{1}{4} \text{ kg} - \frac{1}{2} \text{ kg} = \dots\dots\dots \text{ g}$
- h) $5\frac{1}{2} \text{ kg} - \dots\dots\dots \text{ g} = 5 \text{ kg } 200 \text{ g}$

Total ___ /8

Question 14

- a) $80 \text{ g} \times 3 = \dots\dots\dots \text{ g}$
- b) $\dots\dots \times 250 \text{ g} = \frac{3}{4} \text{ kg}$
- c) $\frac{1}{4} \text{ kg} \div 2 = \dots\dots\dots \text{ g}$
- d) $15 \text{ g} \times 10 \times 10 = \dots\dots \text{ kg } \dots\dots \text{ g}$
- e) $72 \text{ grams} \div 12 = \dots\dots\dots \text{ grams}$
- f) $2 \text{ kg } 500 \text{ g} \times 3 = \dots\dots \text{ kg } \dots\dots \text{ g}$
- g) $1 \text{ kg} \div 5 = \dots\dots\dots \text{ g}$
- h) $12 \text{ kg } 480 \text{ g} \div 4 = \dots\dots \text{ kg } \dots\dots \text{ g}$

Total ___ /8

Question 15

Complete:

- a) One packet holds
250g of sugar.
How many packets can be
filled from a 1kg bag of sugar?

.....
- b) 1 kg of cheese costs R120.
Calculate the cost of:
- i) $\frac{1}{2}$ kg of cheese.
- ii) 100g of cheese.
- iii) 700g of cheese.

Total ___ /4

Question 16

- a) 1 whole = halves
- b) $\frac{1}{2} = \frac{\quad}{8}$
- c) quarters = 6 eighths
- d) 1 third of 6 =
- e) $\frac{1}{5}$ of 30 =
- f) 1 half of = 45
- g) 1 sixth + sixths = 1 whole
- h) 1 whole - 3 eighths =eighths

Total ___ /8

Question 17

- a) $\frac{2}{5} + \frac{1}{5} = \dots\dots\dots$
- b) $\frac{6}{7} - \frac{4}{7} = \dots\dots\dots$
- c) $1 - \frac{5}{8} = \dots\dots\dots$
- d) $\frac{2}{5} + \frac{1}{5} + \frac{2}{5} = \dots\dots\dots$
- e) $\frac{1}{4} = \frac{\quad}{8}$
- f) $\frac{1}{\quad} = \frac{2}{4}$
- g) Which is larger? $\frac{3}{4}$ or $\frac{1}{2}$
- h) Which is smaller? $\frac{3}{8}$ or $\frac{1}{4}$

Total ___ /8

Question 18

- a) 20 cakes are shared equally amongst 4 people. What fraction of the cakes does each person get?

Answer:

- b) There are one hundred burgers. $\frac{1}{2}$ are beef, $\frac{1}{5}$ are vegetarian and the rest are chicken burgers.

The number of:

- i) beef burgers =
- ii) veg burgers =
- iii) chicken burgers =

Total ___ /4

Question 19

- a) $\frac{1}{3}$ of 12 = $12 \div 3 = \underline{4}$
 "1 third of 12 is 4"
 $\frac{2}{3}$ of 12 = $2 \times \underline{4} = 8$
 "2 thirds of 12 is 8"
- b) $\frac{1}{4}$ of 8 =
- $\frac{3}{4}$ of 8 =
- c) $\frac{1}{5}$ of 15 =
- $\frac{4}{5}$ of 15 =
- d) $\frac{1}{8}$ of 40 =
- $\frac{7}{8}$ of 40 =

Total ___ /6

Question 20

- a) $15 \div 3 = \dots\dots\dots$
- b) $\dots\dots\dots \div 8 = 3$
- c) $42 \div 7 = \dots\dots\dots$
- d) $54 \div \dots\dots\dots = 6$
- e) $96 \div 8 = \dots\dots\dots$
- f) $300 \div \dots\dots\dots = 50$
- g) $560 \div 8 = \dots\dots\dots$
- h) $\dots\dots\dots \div 9 = 80$

Total ___ /8

Question 21

- a) $19 \div 2 = \dots\dots\dots$
- b) $29 \div 3 = \dots\dots\dots$
- c) $45 \div 6 = \dots\dots\dots$
- d) $70 \div 9 = \dots\dots\dots$
- e) $15 \div \dots\dots = 2 \text{ rem } 3$
- f) $20 \div \dots\dots = 6 \text{ rem } 2$
- g) $\dots\dots \div 8 = 4 \text{ rem } 5$
- h) $\dots\dots \div 7 = 11 \text{ rem } 3$

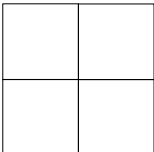
Total ___ /8

Question 23

Complete:

- a) A square is 3cm long.
The perimeter of the square

= $\dots\dots\dots$
- b) A rectangle is 7m wide
and 12m long.
The perimeter of the rectangle

= $\dots\dots\dots$
- c)  Each block is 1cm long.
Area of the square
= $\dots\dots$ square cm
Perimeter of the square
= $\dots\dots$ cm

Total ___ /4

Question 22

- a) Three identical books cost R480,00 altogether.
Calculate the cost per book.

 $\dots\dots\dots$
- b) 370 apples must be packed into 8 boxes with the same number in each box.

How many apples:
i) must be packed into each box? $\dots\dots$
ii) will be left over? $\dots\dots\dots$
- *c) JP and Jim washed 72 cars together. JP washed twice as many cars as Jim.

i) Jim washed $\dots\dots\dots$ cars.
ii) JP washed $\dots\dots\dots$ cars.

Total ___ /5

Question 24

- a) $3\ 045 + 2\ 709 = \dots\dots\dots$
- b) $7\ 000 - 2\ 800 = \dots\dots\dots$
- c) $25 \times 12 = \dots\dots\dots$
- d) $220 \div 3 = \dots\dots\dots$
- e) $45 + \dots\dots + 81 = 189$
- f) 2 thirds of 120 = $\dots\dots\dots$
- g) $45 \times 2 \times 6 = \dots\dots\dots$
- h) $960 \div \dots\dots = 12$

Total ___ /8

Question 25

- a) Which number is made up of 12 tens and sixteen units?
.....
- b) After James sells 380 newspapers he has 120 newspapers left.
How many newspapers did he have originally?
.....
- c) The difference between two consecutive numbers is always
.....

Total ___ /3

Question 27

True or False?

If false, give the correct answer.

- a) $25H + 8U = 2\ 508$
- b) $6\ 268 \times 1 = 6\ 269$
- c) $25 \times 8 = 200$
- d) $8\text{kg } 8\text{g} = 8\ 800\text{g}$
- e) $3\text{kg} \div 2 = 1\frac{1}{3}\text{kg}$
- f) $5\ 000 - 150 = 4\ 850$
- g) $\frac{5}{6}$ of $120 = 105$

Total ___ /7

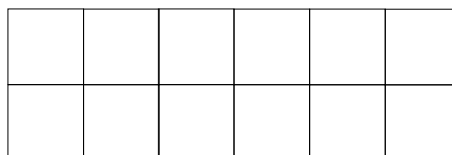
Question 26

- a) $\frac{1}{2}\text{kg} + \dots\dots\text{kg} \dots\dots\text{g} = 2\frac{3}{4}\text{kg}$
- b) $6\ 000 - 660 = \dots\dots\dots$
- c) $\frac{3}{4}$ of $80\text{kg} = \dots\dots\dots$
- d) $2\text{kg} \div 4 = \dots\dots\dots$
- e) $\dots\dots\dots \div 3 = 13 \text{ rem } 1$
- f) $25 \times \dots\dots\dots \times 6 = 600$
- g) 1 half of $\dots\dots\dots = 6\frac{1}{2}$
- *h) 2 thirds of $\dots\dots\dots = 12$

Total ___ /8

Question 28

- a) Each block is 1cm long.



Area of the rectangle

= square cm

Perimeter of the rectangle

= cm

- b) Kim and Anna read 15 books together. Anna read twice as many books as Kim.
- i) Kim read books.
- ii) Anna read books.

Total ___ /4

Question 29

- a) $(7 \times 1) + (8 \times 1\,000) = \dots\dots\dots$
- b) $(10 \times 10) + (4 \times 10) = \dots\dots\dots$
- c) $(12 \times 100) + (6 \times 1000) + 19$
 $= \dots\dots\dots$
- d) $88 \div 9 = \dots\dots\dots$
- e) $12 \div \dots\dots\dots = 2$
- f) $31 \div \dots\dots\dots = 10 \text{ rem } 1$
- g) $\dots\dots\dots \div 8 = 6 \text{ rem } 1$
- h) $\dots\dots\dots \div 7 = 12 \text{ rem } 5$

Total ___ /8

Question 30

- a) $120 - \dots\dots\dots = 109$
- b) $100 - \dots\dots\dots = 56$
- c) $1\,000 - 75 = \dots\dots\dots$
- d) $(2 \times 10) + (4 \times 100) = \dots\dots\dots$
- e) $12 \times 11 = \dots\dots\dots$
- f) $50 \times 80 = \dots\dots\dots$
- g) $6\,500 - \dots\dots\dots = 6\,425$
- h) $5\,250 + \dots\dots\dots = 9\,750$

Total ___ /8

Question 31

- a) $3\,045 \times 0 = \dots\dots\dots$
- b) $3\,045 - 0 = \dots\dots\dots$
- c) $3\,045 \div 3\,045 = \dots\dots\dots$
- d) $270 \div 3 = \dots\dots\dots$
- e) $40 + \dots\dots\dots + 83 = 185$
- f) 3 fourths of 120 = $\dots\dots\dots$
 $\dots\dots\dots$
- g) $35 \times 2 \times 4 = \dots\dots\dots$
- h) $880 \div \dots\dots\dots = 11$

Total ___ /8

Question 32

- a) $150 + 150 + 150 = \dots\dots\dots$
- b) $(7 \times 1\,000) - 2\,600$
 $= \dots\dots\dots$
- c) $25 \times 15 = \dots\dots\dots$
- d) $301 \div 3 = \dots\dots\dots$
- e) $90 \times \dots\dots\dots = 3\,600$
- f) $75 + 15 + 15 + 5$
 $= \dots\dots\dots$
- g) $6 \times 5 \times 6 = \dots\dots\dots$
- h) $720 \div \dots\dots\dots = 12$

Total ___ /8