

Grade 4 | Mental Maths | Term 3

Question 1

- a) $1\ell = \dots\dots\dots \text{ml}$
- b) $\frac{1}{2}\ell = \dots\dots\dots \text{ml}$
- c) $2\ell \text{ } 30\text{ml} = \dots\dots\dots \text{ml}$
- d) $1\frac{1}{4}\ell = \dots\dots\dots \text{ml}$
- e) $1\ell - 300\text{ml} = \dots\dots\dots \text{ml}$
- f) $1\frac{1}{2}\ell + 600\text{ml} = \dots\dots\ell \dots\dots\text{ml}$
- g) $60\ell \div 4 = \dots\dots\dots \ell$
- h) $1\frac{1}{4}\ell - 400\text{ml} = \dots\dots\dots \text{ml}$

Total ____ /8

Question 2

- a) $250\text{ml} \div 5 = \dots\dots\dots \text{ml}$
- b) $\frac{1}{2}\ell \div 2 = \dots\dots\dots \text{ml}$
- c) $8\ell \text{ } 8\text{ml} = \dots\dots\dots \text{ml}$
- d) $\frac{1}{4}\ell + \frac{1}{4}\ell = \dots\dots\dots \text{ml}$
- e) $2\ell \times 18 = \dots\dots\dots \ell$
- f) $5\ell \text{ } 400\text{ml} \times 2 = \dots\dots\ell \dots\dots\text{ml}$
- g) $8\ell \text{ } 900\text{ml} \div 2 = \dots\dots\ell \dots\dots\text{ml}$
- h) $2\ell - \dots\dots\dots \text{ml} = 1\frac{3}{4}\ell$

Total ____ /8

Question 3

- a) 1 whole = $\dots\dots\dots$ thirds
- b) 1 half = $\dots\dots\dots$ quarters
- c) 2 fifths + 2 fifths = $\dots\dots\dots$
- d) 5 sixths - 1 sixth = $\dots\dots\dots$
- e) 1 half of $6\ell = \dots\dots\dots \ell$
- f) 1 third of $24\ell = \dots\dots\dots \ell$
- g) 1 $\dots\dots\dots = 2$ eighths
- h) 1 $\dots\dots\dots$ of 60 = 12

Total ____ /8

Question 4

- a) $\frac{1}{2} = \frac{\quad}{6}$
- b) $\frac{\quad}{8} = \frac{3}{4}$
- c) $\frac{1}{2} + \frac{1}{2} = \dots\dots\dots$
- d) $\frac{1}{7} + \frac{1}{7} + \frac{1}{7} = \dots\dots\dots$
- e) $1 - \frac{5}{8} = \dots\dots\dots$
- f) $\frac{1}{2}$ of $3\ell = \dots\dots\dots \text{ml}$
- g) $\frac{1}{3}$ of $600 \text{ml} = \dots\dots\dots \text{ml}$
- *h) $\frac{2}{3}$ of $600 \text{ml} = \dots\dots\dots \text{ml}$

Total ____ /8

Question 5

- a) $7\ 000 + 40 = \dots\dots\dots$
- b) $6\ 000 + 900 = \dots\dots\dots$
- c) $200 + 40 + 60 = \dots\dots\dots$
- d) $1\ 000 + 15 = \dots\dots\dots$
- e) $300 + 4000 = \dots\dots\dots$
- f) $(3 \times 10) + (8 \times 100) = \dots\dots\dots$
- g) $(9 \times 1000) + (2 \times 1) = \dots\dots\dots$
- h) $(7 \times 100) + (3 \times 100) = \dots\dots\dots$

Total ____ /8

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

- a) $6\ 689 \dots\dots\dots 6\ 698$
- b) $23\ \text{tens} \dots\dots\dots 2\ 300$
- c) $7\ 246 \times 1 \dots\dots\dots 7\ 246 + 1$
- d) $2000 + 60 \dots\dots\dots 6000 + 20$
- e) $5\ 300 \dots\dots\dots (5 \times 1000) + (3 \times 10)$
- f) $\frac{1}{2}$ of $3\ 000 \dots\dots\dots 1\ 500$
- g) $\frac{1}{3}$ of $45 \dots\dots\dots \frac{1}{4}$ of 64

Total ____ /7

Question 7

Round off to the nearest 10:

- a) $53 \approx \dots\dots\dots$
- b) $219 \approx \dots\dots\dots$
- c) $3\ 495 \approx \dots\dots\dots$

Round off to the nearest 100:

- a) $87 \approx \dots\dots\dots$
- b) $239 \approx \dots\dots\dots$
- c) $6\ 670 \approx \dots\dots\dots$

Total ____ /6

Question 8

Round off to the nearest 1000:

- a) $1\ 256 \approx \dots\dots\dots$
- b) $5\ 629 \approx \dots\dots\dots$
- c) $9\ 199 \approx \dots\dots\dots$

Complete:

Jabu has eaten 2 of his 8 apples.

- a) Fraction of apples eaten = $\dots\dots\dots$
- b) Fraction of apples left = $\dots\dots\dots$

Total ____ /5

Question 9

- a) $150 + 40 = \dots\dots\dots$
- b) $150 + 300 = \dots\dots\dots$
- c) $150 + 150 = \dots\dots\dots$
- d) $150 + 15 = \dots\dots\dots$
- e) $150 + 2\,000 = \dots\dots\dots$
- f) $1\,500 + 600 = \dots\dots\dots$
- g) $1\,500 + 150 = \dots\dots\dots$
- h) $1\,500 + 2\,500 = \dots\dots\dots$

Total ____ /8

Question 10

- a) $8 + \dots\dots\dots = 17$
- b) $23 + \dots\dots\dots = 30$
- c) $45 + \dots\dots\dots = 62$
- d) $\dots\dots\dots + 70 = 130$
- e) $\dots\dots\dots + 35 = 60$
- f) $\dots\dots\dots + 47 = 197$
- g) $\dots\dots\dots + 800 = 1\,200$
- h) $3\,550 + \dots\dots\dots = 4\,000$

Total ____ /8

Question 11

- a) $780 - 50 = \dots\dots\dots$
- b) $780 - 300 = \dots\dots\dots$
- c) $780 - 180 = \dots\dots\dots$
- d) $780 - 55 = \dots\dots\dots$
- e) $7\,800 - 750 = \dots\dots\dots$
- f) $7\,800 - 5\,000 = \dots\dots\dots$
- g) $7\,800 - 900 = \dots\dots\dots$
- h) $7\,800 - 2\,450 = \dots\dots\dots$

Total ____ /8

Question 12

- a) $12 - \dots\dots\dots = 9$
- b) $25 - \dots\dots\dots = 13$
- c) $96 - \dots\dots\dots = 59$
- d) $\dots\dots\dots - 40 = 160$
- e) $\dots\dots\dots - 70 = 280$
- f) $\dots\dots\dots - 432 = 520$
- g) $\dots\dots\dots - 250 = 750$
- h) $7\,850 - \dots\dots\dots = 5\,800$

Total ____ /8

Question 13

- a) $15 + 15 + 15 = \dots\dots\dots$
- b) $40 + 40 + 40 = \dots\dots\dots$
- c) $40 + 50 + 60 = \dots\dots\dots$
- d) $7 + \dots\dots + 3 + 10 = 29$
- e) $12 + \dots\dots + 29 = 73$
- f) $300 + 400 + 500 = \dots\dots\dots$
- g) $250 + 520 + 180 = \dots\dots\dots$
- h) $408 + 204 + 804 = \dots\dots\dots$

Total ____ /8

Question 14

- a) $18 - 5 - 3 = \dots\dots\dots$
- b) $25 - 7 - 5 = \dots\dots\dots$
- c) $92 - 12 - 8 = \dots\dots\dots$
- d) $80 - 20 - 30 = \dots\dots\dots$
- e) $100 - 15 - 25 = \dots\dots\dots$
- f) $130 - 70 - 60 = \dots\dots\dots$
- g) $800 - 200 - 130 = \dots\dots\dots$
- h) $1\ 000 - 120 - 250 = \dots\dots\dots$

Total ____ /8

Question 15

- a) $8 \rightarrow \times 2 \rightarrow 16 \rightarrow + 4 \rightarrow 20$
- b) $5 \rightarrow \times 3 \rightarrow \dots\dots\dots \rightarrow + 5 \rightarrow \dots\dots\dots$
- c) $7 \rightarrow + 3 \rightarrow \dots\dots\dots \rightarrow \times 10 \rightarrow \dots\dots\dots$
- d) $9 \rightarrow \times 5 \rightarrow \dots\dots\dots \rightarrow - 6 \rightarrow \dots\dots\dots$
- e) $20 \rightarrow \div 2 \rightarrow \dots\dots\dots \rightarrow \div 2 \rightarrow \dots\dots\dots$
- f) $60 \rightarrow \times 5 \rightarrow \dots\dots\dots \rightarrow \div 3 \rightarrow \dots\dots\dots$
- g) $20 \rightarrow - 6 \rightarrow \dots\dots\dots \rightarrow \times 3 \rightarrow \dots\dots\dots$
- h) $15 \rightarrow \times 4 \rightarrow \dots\dots\dots \rightarrow - 12 \rightarrow \dots\dots\dots$

Total ____ /8

Question 16

- a) $2 \rightarrow \times 3 \rightarrow 6 \rightarrow + 10 \rightarrow 16$
- b) $\dots\dots\dots \rightarrow \times 2 \rightarrow 10 \rightarrow \times 17 \rightarrow \dots\dots\dots$
- c) $\dots\dots\dots \rightarrow + 4 \rightarrow 12 \rightarrow \times 11 \rightarrow \dots\dots\dots$
- d) $\dots\dots\dots \rightarrow \times 5 \rightarrow 30 \rightarrow - 9 \rightarrow \dots\dots\dots$
- e) $\dots\dots\dots \rightarrow - 6 \rightarrow 17 \rightarrow \times 20 \rightarrow \dots\dots\dots$
- f) $\dots\dots\dots \rightarrow + 12 \rightarrow 25 \rightarrow \times 4 \rightarrow \dots\dots\dots$
- g) $\dots\dots\dots \rightarrow \times 3 \rightarrow 39 \rightarrow - 15 \rightarrow \dots\dots\dots$
- h) $\dots\dots\dots \rightarrow \times 5 \rightarrow 75 \rightarrow \times 2 \rightarrow \dots\dots\dots$

Total ____ /8

Question 17

- a) $7 \times 3 = \dots\dots\dots$
- b) $8 \times 6 = \dots\dots\dots$
- c) $5 \times 10 \times 6 = \dots\dots\dots$
- d) $2 \times 2 \times 2 = \dots\dots\dots$
- e) $12 \times \dots\dots\dots = 36$
- f) $13 \times 7 \times 0 = \dots\dots\dots$
- g) $25 \times 1 \times 2 = \dots\dots\dots$
- h) $37 \times 10 \times 10 = \dots\dots\dots$

Total ____ /8

Question 18

- a) $12 \times 1 = \dots\dots\dots$
- b) $12 \times 4 = \dots\dots\dots$
- c) $12 \times 12 = \dots\dots\dots$
- d) $12 \times 20 = \dots\dots\dots$
- e) $12 \times 2 \times 2 = \dots\dots\dots$
- f) $12 \times \dots\dots\dots = 60$
- g) $120 \times 3 = \dots\dots\dots$
- h) $120 \times 7 = \dots\dots\dots$

Total ____ /8

Question 19

True or False?

If False, give the correct answer

- a) $45 + 55 = 110$ False. 100
- b) $2569 - 1 = 2568$
- c) $50 \times 4 = 200$
- d) $12 - (5 - 3) = 4$
- e) $18 \times 9 = 189$
- f) $1200 - 10 = 120$
- g) $169 = 9 + 100 + 60$

Total ____ /7

Question 20

- a) $1\ 145 + 2\ 329 = \dots\dots\dots$
- b) $7\ 799 - 2\ 255 = \dots\dots\dots$
- c) $24 \times 42 = \dots\dots\dots$
- d) $42 \div 7 = \dots\dots\dots$
- e) $4\ 545 + 1\ 291 = \dots\dots\dots$
- f) $5\ 000 - 1\ 250 = \dots\dots\dots$
- g) $90 \times 45 = \dots\dots\dots$
- h) $90 \div 8 = \dots\dots\dots$

Total ____ /8

Question 21

- a) $180 + 50 = \dots\dots\dots$
- b) $960 - 800 = \dots\dots\dots$
- c) $180 + 180 = \dots\dots\dots$
- d) $960 - 55 = \dots\dots\dots$
- e) $180 + 2\ 000 = \dots\dots\dots$
- f) $9\ 600 - 6\ 000 = \dots\dots\dots$
- g) $1\ 800 + 180 = \dots\dots\dots$
- h) $9\ 600 - 2\ 350 = \dots\dots\dots$

Total ____ /8

Question 22

- a) $120 - \dots\dots\dots = 9$
- b) $43 + \dots\dots\dots = 52$
- c) $199 - \dots\dots\dots = 162$
- d) $\dots\dots\dots + 40 = 130$
- e) $\dots\dots\dots - 170 = 130$
- f) $\dots\dots\dots + 47 = 297$
- g) $\dots\dots\dots - 750 = 250$
- h) $8\ 850 + \dots\dots\dots = 9\ 400$

Total ____ /8

Question 23

- a) $960 - 50 = \dots\dots\dots$
- b) $180 + 300 = \dots\dots\dots$
- c) $960 - 90 = \dots\dots\dots$
- d) $180 + 18 = \dots\dots\dots$
- e) $9\ 600 - 960 = \dots\dots\dots$
- f) $1\ 800 + 700 = \dots\dots\dots$
- g) $9\ 600 - 900 = \dots\dots\dots$
- h) $1\ 800 + 2\ 800 = \dots\dots\dots$

Total ____ /8

Question 24

- a) $18 + 20 = \dots\dots\dots$
- b) $39 - \dots\dots\dots = 26$
- c) $45 + \dots\dots\dots = 70$
- d) $\dots\dots\dots - 30 = 1\ 970$
- e) $\dots\dots\dots + 35 = 70$
- f) $\dots\dots\dots - 432 = 9\ 068$
- g) $\dots\dots\dots + 800 = 1\ 600$
- h) $7\ 610 - \dots\dots\dots = 5\ 110$

Total ____ /8

Question 25

- a) $18 \div 1 = \dots\dots\dots$
- b) $70 \times 6 = \dots\dots\dots$
- c) $18 \div 18 = \dots\dots\dots$
- d) $4 \times 4 \times 4 = \dots\dots\dots$
- e) $18 \div 4 = \dots\dots\dots$
- f) $13 \times 11 \times 0 = \dots\dots\dots$
- g) $180 \div 3 = \dots\dots\dots$
- h) $87 \times 10 \times 0 = \dots\dots\dots$

Total ____ /8

Question 26

- a) $17 \times 3 = \dots\dots\dots$
- b) $16 \div 4 = \dots\dots\dots$
- c) $50 \times 10 \times 6 = \dots\dots\dots$
- d) $180 \div 20 = \dots\dots\dots$
- e) $12 \times \dots\dots = 96$
- *f) $180 \div \dots\dots = 36$
- g) $42 \times 1 \times 2 = \dots\dots\dots$
- h) $180 \div 10 = \dots\dots\dots$

Total ____ /8

Question 27

True or False?

If False, give the correct answer

- a) $45 + 55 = 100 \dots\dots\dots$
- b) $3\ 005 - 6 = 2\ 009 \dots\dots\dots$
- c) $60 \times 7 = 420 \dots\dots\dots$
- d) $19 - (10 - 6) = 3 \dots\dots\dots$
- e) $19 \times 9 = 171 \dots\dots\dots$
- f) $1\ 800 - 10 = 170 \dots\dots\dots$
- g) $589 = 8 \text{ tens} + 500 + 9 \text{ units}$
 $\dots\dots\dots$

Total ____ /7

Question 28

- a) $1\ 250 + 2\ 250 = \dots\dots\dots$
- b) $48 \div 8 = \dots\dots\dots$
- c) $31 \times 13 = \dots\dots\dots$
- d) $7\ 800 - 2\ 049 = \dots\dots\dots$
- e) $101 \div 9 = \dots\dots\dots$
- f) $9\ 000 - 1\ 250 = \dots\dots\dots$
- g) $15 \times 15 = \dots\dots\dots$
- h) $7\ 656 + 1\ 220 = \dots\dots\dots$

Total ____ /8

Question 29

- a) $5 \times 5 = \dots\dots\dots$
- b) $6 \times 6 = \dots\dots\dots$
- c) $7 \times 10 \times 7 = \dots\dots\dots$
- d) $11 \times 20 = \dots\dots\dots$
- e) $12 \times \dots\dots = 144$
- f) $13 \times 0 \times 0 = \dots\dots\dots$
- g) $11 \div \dots\dots = 1$
- h) $111 - 4 = \dots\dots\dots$

Total ____ /8

Question 30

- a) $11 \times 1 = \dots\dots\dots$
- b) $9 \times 10 \times 10 = \dots\dots\dots$
- c) $11 \times 12 = \dots\dots\dots$
- d) $2 \times 1 \times 2 = \dots\dots\dots$
- e) $11 \times 2 \times 2 = \dots\dots\dots$
- f) $8 \times 8 \times 2 = \dots\dots\dots$
- g) $111 \times 0 = \dots\dots\dots$
- h) $1\ 110 - 10 = \dots\dots\dots$

Total ____ /8

Question 31

- a) $145 + 55 = \dots\dots\dots$
- b) $2\ 570 - 1 = \dots\dots\dots$
- c) $70 \times 20 = \dots\dots\dots$
- d) $20 - (20 - 3) = \dots\dots\dots$
- e) $15 \times 9 = \dots\dots\dots$
- f) $(1 \times 1\ 000) + 80 \text{ tens} + 15 \text{ units}$
 $= \dots\dots\dots$
- g) $8\ 897 = 8\ 000 + 700 + \dots\dots$
- h) $200 + 60 + 23 = \dots\dots\dots$

Total ____ /8

Question 32

- a) $75 \div 25 = \dots\dots\dots$
- b) $8\ 000 - 2\ 255 = \dots\dots\dots$
- c) $21 \times 12 = \dots\dots\dots$
- d) $40 \div 7 = \dots\dots\dots$
- e) $785 + 215 = \dots\dots\dots$
- f) $9\ 000 - 1\ 250 = \dots\dots\dots$
- g) $10 \times 10 \times 10 = \dots\dots\dots$
- h) $100 \div 8 = \dots\dots\dots$

Total ____ /8