

## Graad 5 | Hoofrekene | Kwartaal 3

### Vraag 1

- a) 1 hele = ..... sesdes
- b) 2 heles = ..... kwarte
- c) 2 agtstes + 3 agtstes = .....
- d) 1 derde van 12 = .....
- e) 1 ..... van 30 = 15
- f) 1 derde = ..... sesdes
- g) ..... kwarte = 6 agtstes
- h) 1 en 'n half = ..... halwes

Totaal \_\_\_\_ /8

### Vraag 2

- a)  $\frac{4}{9} + \frac{2}{9} = \dots\dots\dots$
- b)  $\frac{2}{3} - \frac{1}{3} = \dots\dots\dots$
- c)  $1 - \frac{5}{12} = \dots\dots\dots$
- d)  $\frac{2}{5} + \frac{2}{5} + \frac{2}{5} = \dots\dots\dots$
- e)  $4 - 1\frac{1}{2} = \dots\dots\dots$
- f)  $1\frac{5}{7} + 1\frac{4}{7} = \dots\dots\dots$
- g)  $5\frac{2}{3} - 3\frac{1}{3} = \dots\dots\dots$
- h)  $3\frac{1}{4} - 1\frac{3}{4} = \dots\dots\dots$

Totaal \_\_\_\_ /8

### Vraag 3

Skryf ekwivalente breuke.

- a)  $\frac{1}{2} = \frac{\quad}{6} = \frac{\quad}{10}$
- b)  $\frac{\quad}{8} = \frac{3}{4}$
- c)  $\frac{1}{3} = \frac{4}{\quad}$
- d)  $\frac{1}{4} = \frac{2}{\quad} = \frac{\quad}{12}$
- e)  $\frac{3}{4} = \frac{\quad}{12}$
- f)  $\frac{\quad}{20} = \frac{2}{5}$
- g)  $\frac{2}{3} = \frac{20}{\quad}$

Totaal \_\_\_\_ /7

### Vraag 4

Skryf as gemengde getalle.

- a)  $\frac{4}{3} = \dots\dots\dots$
- b)  $\frac{21}{2} = \dots\dots\dots$
- c)  $\frac{18}{4} = \dots\dots\dots$

Skryf as onegte breuke.

- d)  $1\frac{1}{4} = \dots\dots\dots$
- e)  $2\frac{2}{3} = \dots\dots\dots$
- f)  $10\frac{3}{4} = \dots\dots\dots$

Totaal \_\_\_\_ /6

### Vraag 5

Skryf in die eenvoudigste vorm.

a)  $\frac{2}{8} = \dots\dots\dots$

b)  $\frac{12}{20} = \dots\dots\dots$

c)  $\frac{9}{6} = \dots\dots\dots$

d)  $\frac{15}{30} = \dots\dots\dots$

**Voltooi:** 12 koeke is gelykop tussen 3 mense verdeel. Watter breukdeel van die koeke kry elke persoon?

Antwoord:  $\dots\dots\dots$

Totaal \_\_\_\_ /5

### Vraag 6

**Voltooi:**

a) Ma bestel 5 pizzas sodat elke dogter een kwart van 'n pizza kry.

Hoeveel dogters is daar?

$\dots\dots\dots$

b) JP het R20.

He spandeer R8 op skyfies en R4 op lekkers.

Watter breukdeel van sy geld het hy oor?

$\dots\dots\dots$

Totaal \_\_\_\_ /2

### Vraag 7

a) 2 kg =  $\dots\dots\dots$  g

b)  $\frac{1}{4}$  kg =  $\dots\dots\dots$  g

c) 8 kg 3g =  $\dots\dots\dots$  g

d) 3,5 kg =  $\dots\dots\dots$  g

e) 2 kg - 400 g =  $\dots\dots\dots$  g

f)  $\frac{3}{4}$  kg + 150 g =  $\dots\dots\dots$  g

g) 12 kg 50 g =  $\dots\dots\dots$  g

h) 7 kg - 4,5 kg =  $\dots\dots$  kg  $\dots\dots\dots$  g

Totaal \_\_\_\_ /8

### Vraag 8

a) 1kg 200g  $\times$  4 =  $\dots\dots$  kg  $\dots\dots\dots$  g

b)  $\frac{1}{2}$  kg  $\times$  3 =  $\dots\dots\dots$  g

c) 2kg 400g  $\times$  3 =  $\dots\dots$  kg  $\dots\dots\dots$  g

d)  $\frac{1}{4}$  kg  $\div$  2 =  $\dots\dots\dots$  g

e) 1kg 200g  $\div$  3 =  $\dots\dots\dots$  g

f)  $\frac{1}{4}$  kg  $\times$   $\dots\dots\dots$  = 1kg

g) 4 kg -  $\dots\dots\dots$  g = 3,5 kg

h)  $\dots\dots\dots$  g +  $\frac{1}{2}$  kg = 1kg 400 g

Totaal \_\_\_\_ /8

**Vraag 9****Watter breukdeel is:**[Antwoord in die eenvoudigste vorm.]

- a) 2kg van 10kg?  $\frac{2 \text{ kg}}{10 \text{ kg}} = \frac{1}{5}$
- b) 40g van 100g? .....
- c) 10kg van 25kg? .....
- d) 250g van 1kg?.....

**Voltooi:**

Alex koop 4kg suiker vir R60.  
Bereken die prys vir 3kg van hierdie suiker.

.....  
.....

Totaal \_\_\_\_ /5

**Vraag 10**

- a)  $70\,000 + 50 = \dots\dots\dots$
- b) 120 tiene + 18 ene = .....
- c)  $400 + 400\,000 + 600 = \dots\dots\dots$
- d)  $100\,000 + 3\,500 = \dots\dots\dots$
- e) 100 honderde + 15 tiene  
= .....
- f)  $(3 \times 100) + (8 \times 100) = \dots\dots\dots$
- g)  $(9 \times 10\,000) + (2 \times 10) = \dots\dots\dots$
- h)  $(18 \times 1\,000) + (3 \times 100) = \dots\dots\dots$

Totaal \_\_\_\_ /8

**Vraag 11****Vul > , < of = in.**

- a) 66 689 ..... 66 698
- b) 23 honderde .....  $23 \times 10 \times 10$
- c)  $72\,046 \times 1$  .....  $72\,046 + 1$
- d)  $20\,000 + 600$  .....  $60\,000 + 20$
- e) 7 030 .....  $(7 \times 1000) + (3 \times 100)$
- f)  $\frac{1}{3}$  van 30 000 .....  $\frac{1}{4}$  van 40 000
- g)  $\frac{2}{3}$  van 96 .....  $\frac{3}{4}$  van 96

Totaal \_\_\_\_ /7

**Vraag 12****Rond af tot die naaste 10:**

- a)  $163 \approx \dots\dots\dots$
- b)  $3\,497 \approx \dots\dots\dots$
- c)  $838\,276 \approx \dots\dots\dots$

**Rond af tot die naaste 100:**

- a)  $587 \approx \dots\dots\dots$
- b)  $18\,329 \approx \dots\dots\dots$
- c)  $564\,671 \approx \dots\dots\dots$

Totaal \_\_\_\_ /6

**Vraag 13****Rond af tot die naaste 1000:**

- a)  $9\ 825 \approx \dots\dots\dots$
- b)  $85\ 269 \approx \dots\dots\dots$
- c)  $238\ 940 \approx \dots\dots\dots$

**Voltooi:**

- a) Veertien duisend, een honderd en nege word geskryf  
 .....
- b) Agt honderd, vyf-en-negentig duisend en twee word geskryf  
 .....

**Totaal \_\_\_\_ /5****Vraag 14**

- a)  $2\ 500 + 40 = \dots\dots\dots$
- b)  $2\ 500 + 250 = \dots\dots\dots$
- c)  $2\ 500 + 1\ 500 = \dots\dots\dots$
- d)  $2\ 500 + 10\ 500 = \dots\dots\dots$
- e)  $25\ 000 + 250 = \dots\dots\dots$
- f)  $25\ 000 + 7\ 000 = \dots\dots\dots$
- g)  $25\ 000 + 25\ 000 = \dots\dots\dots$
- h)  $25\ 000 + 207\ 000 = \dots\dots\dots$

**Totaal \_\_\_\_ /8****Vraag 15**

- a)  $25 - 8 - 3 = \dots\dots\dots$
- b)  $100 - 15 - 25 = \dots\dots\dots$
- c)  $250 - 70 - 5 = \dots\dots\dots$
- d)  $800 - 150 - 150 = \dots\dots\dots$
- e)  $1\ 000 - 120 - 25 = \dots\dots\dots$
- f)  $15\ 000 - 6\ 000 - 200 = \dots\dots\dots$
- g)  $30\ 000 - 3\ 000 - 300 = \dots\dots\dots$
- h)  $42\ 500 - 3\ 500 - 250 = \dots\dots\dots$

**Totaal \_\_\_\_ /8****Vraag 16**

- a)  $25 + \dots\dots\dots = 34$
- b)  $230 + \dots\dots\dots = 300$
- c)  $145 + \dots\dots\dots = 223$
- d)  $\dots\dots\dots + 900 = 1\ 500$
- e)  $\dots\dots\dots + 2\ 500 = 6\ 000$
- f)  $15\ 000 + \dots\dots\dots = 19\ 750$
- g)  $\dots\dots\dots + 80\ 000 = 130\ 000$
- h)  $32\ 550 + \dots\dots\dots = 33\ 000$

**Totaal \_\_\_\_ /8**

**Vraag 17**

- a)  $92 - \dots = 54$
- b)  $120 - \dots = 70$
- c)  $\dots - 40 = 1\,960$
- d)  $3\,500 - \dots = 2\,000$
- e)  $\dots - 7\,000 = 5\,000$
- f)  $\dots - 4\,400 = 9\,000$
- g)  $10\,000 - \dots = 6\,500$
- h)  $85\,450 - \dots = 65\,450$

Totaal \_\_\_\_ /8

**Vraag 18**

- a)  $8 + \dots + 2 + 10 = 27$
- b)  $120 + \dots + 160 = 460$
- c)  $400 + 500 + \dots = 1\,500$
- d)  $1\,500 + 150 + \dots = 1\,665$
- e)  $\dots + 350 + 450 = 1\,050$
- f)  $3\,000 + \dots + 500 = 4\,200$
- g)  $2\,000 + 7\,000 + \dots = 17\,500$
- h)  $85 + 78 + \dots + 27 = 265$

Totaal \_\_\_\_ /8

**Vraag 19**

- a)  $34 - 12 - 7 = \dots$
- b)  $150 - 25 - 35 = \dots$
- c)  $1\,300 - 70 - 80 = \dots$
- d)  $1\,300 - 200 - 300 = \dots$
- e)  $10\,000 - 1\,500 - 2\,500 = \dots$
- f)  $12\,500 - 700 - 3\,000 = \dots$
- g)  $12\,500 - 7\,000 - 300 = \dots$
- h)  $12\,500 - 7\,000 - 3\,000 = \dots$

Totaal \_\_\_\_ /8

**Vraag 20**

- a) Die temperatuur is  $18^{\circ}\text{C}$ .  
Dit styg met  $7^{\circ}\text{C}$ .  
Nuwe temperatuur =  $\dots$
- b) Die temperatuur is  $10^{\circ}\text{C}$ .  
Dit daal met  $12^{\circ}\text{C}$ .  
Nuwe temperatuur =  $\dots$
- c) Die temperatuur is  $-5^{\circ}\text{C}$ .  
Dit styg met  $10^{\circ}\text{C}$ .  
Nuwe temperatuur =  $\dots$
- \*d) Die temperatuur is  $12^{\circ}\text{C}$ .  
Dit daal met  $20^{\circ}\text{C}$ .  
Nuwe temperatuur =  $\dots$

Totaal \_\_\_\_ /4

**Vraag 21**

Voltooi elke getalry.

- a) 14 ; 20 ; 26 ; ..... ; .....
- b) 64 ; 32 ; 16 ; ..... ; .....
- c) 1 ; 4 ; 9 ; 16 ; ..... ; .....
- d) 9 ; 18 ; 36 ; ..... ; .....
- e) 2 ; 6 ; 12 ; 20 ; ..... ; .....
- f) 100 ; 92 ; 84 ; ..... ; .....
- g) 20 ; 19 ; 17 ; 14 ; ..... ; .....

Totaal \_\_\_\_ /7

**Vraag 22**

- a)  $7 \times (3 + 4) = \dots\dots\dots$
- b)  $(7 - 3) \times 4 = \dots\dots\dots$
- c)  $(12 + 18) \div 3 = \dots\dots\dots$
- d)  $12 + (18 \div 3) = \dots\dots\dots$
- e)  $(40 - 12) \div 4 = \dots\dots\dots$
- f)  $40 - (12 \div 4) = \dots\dots\dots$
- g)  $(8 + 4) \times (20 \div 4) = \dots\dots\dots$
- h)  $(8 \times 4) \div (20 - 4) = \dots\dots\dots$

Totaal \_\_\_\_ /8

**Vraag 23**

Waar of Vals?

Indien vals, gee die korrekte antwoord.

- a)  $1\ 000 - 450 = 650$  False. 550
- b)  $2\ 530 \times 10 = 2\ 540$  .....
- c)  $20 - 8 - 4 = 20 - 4 - 8$  .....
- d)  $100 \div (4 \times 5) = 5$  .....
- e)  $(2 \times 8) + 4 = (2 + 8) \times 3$  .....
- f)  $1\ 500 - 150 = 1\ 250$  .....
- g)  $12\ 000 = 12 \times 10 \times 100$  .....

Totaal \_\_\_\_ /7

**Vraag 24**

- a)  $10 \times 10 = \dots\dots\dots$
- b)  $12 \times 12 = \dots\dots\dots$
- c)  $8 \times 30 = \dots\dots\dots$
- d)  $50 \times 10 \times 10 = \dots\dots\dots$
- e)  $12 \times 2 \times 3 = \dots\dots\dots$
- f)  $40 \times 50 = \dots\dots\dots$
- g)  $300 \times 12 = \dots\dots\dots$
- h)  $800 \times 60 = \dots\dots\dots$

Totaal \_\_\_\_ /8

**Vraag 25**

Skryf neer al die faktore van:

- a) 12. ....
- b) 25. ....
- c) 42. ....

Skryf neer die eerste  
5 veelvoude van:

- a) 4. ....
- b) 9. ....
- c) 12. ....

Totaal \_\_\_\_ /6

**Vraag 26**

- a) .....  $\times 6 = 42$
- b)  $13 \times \dots = 39$
- c) .....  $\times 13 = 130$
- d) .....  $\times 12 = 132$
- e)  $18 \times 0 \times 5 = \dots$
- f)  $30 \times \dots = 120$
- g)  $150 \times 20 = \dots$
- h) .....  $\times 900 = 45\ 000$

Totaal \_\_\_\_ /8

**Vraag 27**

- a)  $1\ 500 + 51\ 000 = \dots$
- b)  $10\ 000 - 9\ 950 = \dots$
- c)  $38 \times 22 = \dots$
- d)  $50 \div 4 = \dots$
- e)  $45\ 500 + 32\ 600 = \dots$
- f)  $52\ 800 - 12\ 800 = \dots$
- g)  $900 \times 25 = \dots$
- h)  $420 \div 7 = \dots$

Totaal \_\_\_\_ /8

**Vraag 28**

- a)  $120 + 1\ 200 + 12\ 000 = \dots$
- b)  $80\ 000 - 8\ 000 - 80 = \dots$
- c)  $15 \times 20 \times 5 = \dots$
- d)  $100 \div (20 \div 5) = \dots$
- e)  $4\ 585 + \dots = 7\ 165$
- f)  $5\ 000 - 1\ 250 = \dots$
- g)  $9\ 500 \times \dots = 19\ 000$
- h)  $5\ 500 \div 2 = \dots$

Totaal \_\_\_\_ /8

**Vraag 29**

- a)  $2\ 800 + 82\ 000 = \dots\dots\dots$
- b)  $10\ 000 - 8\ 888 = \dots\dots\dots$
- c)  $45 \times 22 = \dots\dots\dots$
- d)  $84 \div 4 = \dots\dots\dots$
- e)  $98\ 200 + 1\ 550 = \dots\dots\dots$
- f)  $26\ 800 - 3\ 850 = \dots\dots\dots$
- g)  $45 \times 9 = \dots\dots\dots$
- h)  $420 \div 420 = \dots\dots\dots$

Totaal \_\_\_\_ /8

**Vraag 30**

- a)  $\dots\dots\dots \times 6 = 0$
- b)  $13 \times \dots\dots\dots = 195$
- c)  $\dots\dots\dots \times 19 = 1\ 900$
- d)  $\dots\dots\dots \times 12 = 156$
- e)  $100 \times 0 \times 10 = \dots\dots\dots$
- f)  $3\ 000 - 2\ 555 = \dots\dots\dots$
- g)  $160 \div 40 = \dots\dots\dots$
- h)  $\dots\dots\dots \div 7 = 12\ r\ 2$

Totaal \_\_\_\_ /8

**Vraag 31**

- a)  $14\ \text{kg} + 15\ 350\ \text{g}$   
 $= \dots\dots\dots\ \text{kg}\ \dots\dots\dots\ \text{g}$
- b)  $10\ 000 - 8\ 777 = \dots\dots\dots$
- c)  $48 \times 12 = \dots\dots\dots$
- d)  $8\ 000\ \text{g}$  van  $16\ \text{kg}$   
 $= \dots\dots\dots$
- e)  $900 \div 7 = \dots\dots\dots$
- f)  $90\ 360 - 370 = \dots\dots\dots$
- g)  $400 \times 25 = \dots\dots\dots$
- h)  $420\ \text{kg} \div 7 = \dots\dots\dots$

Totaal \_\_\_\_ /8

**Vraag 32**

- a)  $15 + 150 + 1\ 500 + 15\ 000$   
 $= \dots\dots\dots$
- b)  $70\ 000 - 7\ 000 - 700 = \dots\dots\dots$
- c)  $100 \times 16 \times 10 = \dots\dots\dots$
- d)  $400 \div (80 \div 10)$   
 $= \dots\dots\dots$
- e)  $4\ 585 - (9\ 000 - 4\ 500)$   
 $= \dots\dots\dots$
- f)  $5\ 000 \div 1 = \dots\dots\dots$
- g)  $6\ 500 \times \dots\dots\dots = 13\ 000$
- h)  $6550 \div 2 = \dots\dots\dots$

Totaal \_\_\_\_ /8