



**GAUTENG PROVINCE**  
EDUCATION  
REPUBLIC OF SOUTH AFRICA

GAUTENG DEPARTMENT OF EDUCATION  
PROVINCIAL EXAMINATION  
NOVEMBER 2018  
GRADE 3

MATHEMATICS

MARKING GUIDELINES

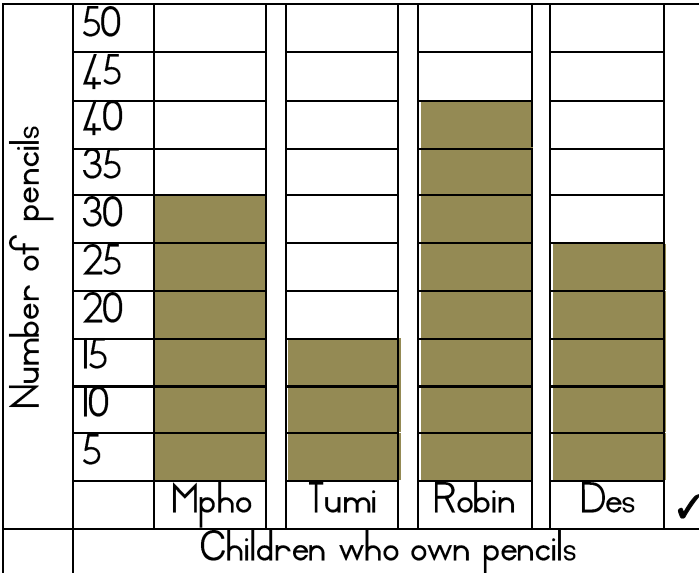
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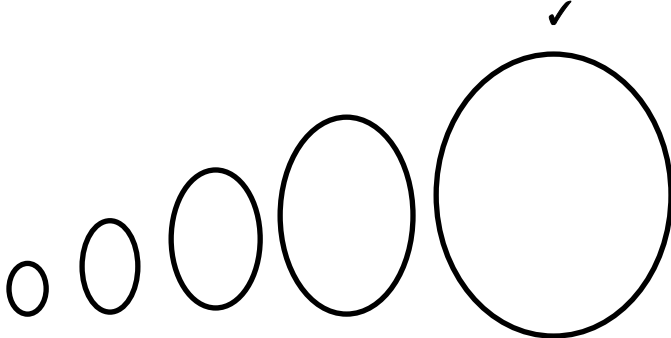
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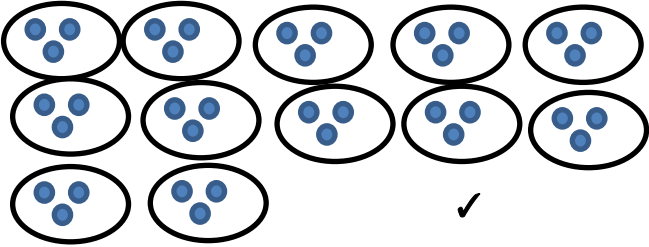
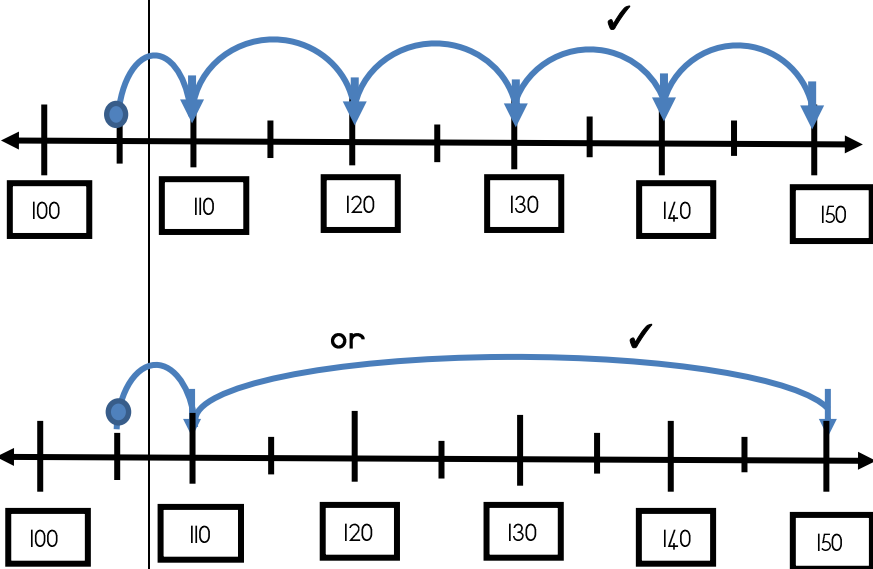
MATHEMATICS

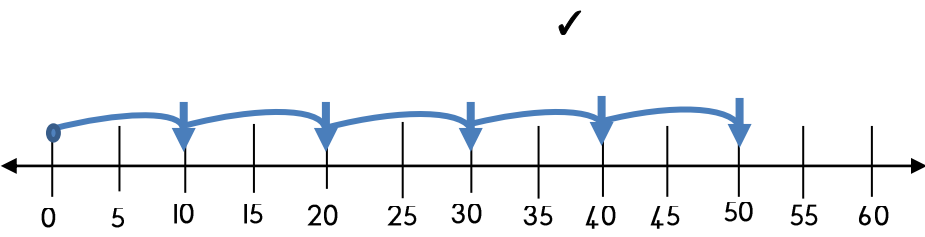
MARKING GUIDELINES

| QUESTION NO. | ANSWER                                                                                                                                                                                       | MARK ALLOCATION                          |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| 1            | A ✓                                                                                                                                                                                          | 1 mark for correct answer                |
| 2            | C ✓                                                                                                                                                                                          | 1 mark for correct answer                |
| 3            | A ✓                                                                                                                                                                                          | 1 mark for correct answer                |
| 4            | C ✓                                                                                                                                                                                          | 1 mark for correct answer                |
| 5            | B ✓                                                                                                                                                                                          | 1 mark for correct answer                |
| 6            | C ✓                                                                                                                                                                                          | 1 mark for correct answer                |
| 7            | C ✓                                                                                                                                                                                          | 1 mark for correct answer                |
| 8            | B ✓                                                                                                                                                                                          | 1 mark for correct answer                |
| 9            | A ✓                                                                                                                                                                                          | 1 mark for correct answer                |
| 10           | C ✓                                                                                                                                                                                          | 1 mark for correct answer                |
| 11           | <p>a.</p>  <p>b.</p>  | 1 mark for each correct answer = 2 marks |
| 12           | <p>a. Two hundred and thirty-four <del>75</del> ✓</p> <p>b. Seventy-five <del>234</del> ✓</p>                                                                                                | 1 mark for correct answer = 2 marks      |

| QUESTION NO. | ANSWER                                                                                                                                  | MARK ALLOCATION                                                               |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| 13           | <p>a. Pencils owned per learner</p>  <p>b. Des ✓</p> | <p>1 mark for correct shading<br/>1 mark for correct answer<br/>= 2 marks</p> |
| 14           | $5 \times 6 = 30$ ✓<br>$6 \times 5 = 30$ ✓<br>$30 \div 5 = 6$ ✓<br>$30 \div 6 = 5$ ✓                                                    | 1 mark for each correct answer = 4 marks                                      |
| 15           | <p>a. Pyramid ✓<br/>           b. 6 sides ✓<br/>           c. True ✓</p>                                                                | 1 mark for each correct answer = 3 marks                                      |
| 16           | <p>Area = length x breadth</p> <p>= 7 blocks across x 5 blocks up</p> <p>= 35 tiles ✓</p>                                               | 1 mark for correct answer                                                     |
| 17           | <p>Any measurement of mass can be written</p> <p>Gram = g ✓ or<br/>           Milligram = mg ✓ or<br/>           Kilogram = kg ✓</p>    | 1 mark for any correct answer                                                 |

| QUESTION NO. | ANSWER                                                                                                                                                                                                                                   | MARK ALLOCATION                                                              |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| 18           | <p>a. The next circle (5th) must be bigger than the fourth circle. ✓</p>  <p>b. It is a growing / increasing in size / gradually getting bigger. ✓</p> | <p>1 mark for each correct answer<br/>= 2 marks</p>                          |
| 19           | 240 ✓                                                                                                                                                                                                                                    | 1 mark for each correct answer                                               |
| 20           | $364 - 109$<br>$= 364 - 100 - 9$ ✓<br>$= 264 - 9$<br>$= 255$ ✓                                                                                                                                                                           | <p>1 mark for correct answer<br/>1 mark for any correct method = 2 marks</p> |
| 21           | $569 + 239$<br>$= (500 + 200) + (60 + 30) + (9 + 9)$ ✓<br>$= 700 + 108$<br>$= 808$ ✓                                                                                                                                                     | <p>1 mark for correct answer<br/>1 mark for any correct method = 2 marks</p> |
| 22           | <p>1 sack = 20<br/>           2 sacks = 20 + 20<br/>                     = 40 ✓</p> <p>or<br/> <math>2 \times 20 = 40</math> ✓</p>                                                                                                       | <p>1 mark for correct answer<br/>1 mark for any correct method = 2 marks</p> |
| 23           | $490 + 192$<br>$= (400 + 100) + (90 + 90) + (0 + 2)$ ✓<br>$= 600 + 80 + 2$<br>$= 682$ ✓                                                                                                                                                  | <p>1 mark for correct answer<br/>1 mark for any correct method = 2 marks</p> |
| 24           | $75 \div 5 = 15$ ✓<br>or<br>$75 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 = 0$ ✓                                                                                                                                                   | <p>1 mark for correct answer<br/>1 mark for any correct method = 2 marks</p> |

| QUESTION NO. | ANSWER                                                                                                                                                                                                                    | MARK ALLOCATION                                                               |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| 25           | <div style="text-align: center;">  <br/>or </div> $= R60 \div 3$ $= R20$ <p>he saves <math>R20 + R20</math></p> $= R40 \quad \checkmark$ | 1 mark for correct answer = 1 mark                                            |
| 26           | <br>$12 \times 3 = 36 \quad \checkmark$                                                                                                  | 1 mark for any correct grouping<br>1 mark for multiplication method = 2 marks |
| 27           | 1 and a half metres = 1 basket<br>3 metres = 2 baskets $\checkmark$<br>6 metres = 4 baskets<br>9 metres = 6 baskets $\checkmark$                                                                                          | 1 mark for correct answer<br>1 mark for any correct method = 2 marks          |
| 28           | <br>$105 + 45 = 150 \quad \checkmark$                                                                                                 | 1 mark for correct jumps<br>1 mark for number sentence = 2 marks              |

| QUESTION NO. | ANSWER                                                                                                                                 | MARK ALLOCATION                                                          |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| 29           |                                                      | 1 mark for correct answer<br>1 mark for correct jumps<br>= 2 marks       |
| 30           | $= 5 \times 55$<br>$= 275$ ✓<br>$= 275 \div 60 \text{ min}$<br>$= 4\text{h}35 \text{ min}$ ✓<br><br>Expected time of arrival = 14:35 ✓ | 1 mark for correct answer<br>2 marks for any correct method =<br>3 marks |

TOTAL:50