**YEAR 9 %, Fraction and Decimal TEST.**

# Section A

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | **a)** | 10% | of | 30 | **b)** | 20% | of | 30 |
| **2** | **a)** | 10% | of | 90 | **b)** | 20% | of | 90 |
| **3** | **a)** | 10% | of | 20 | **b)** | 20% | of | 20 |
| **4** | **a)** | 10% | of | 80 | **b)** | 20% | of | 80 |
| **5** | **a)** | 10% | of | 70 | **b)** | 30% | of | 70 |
| **6** | **a)** | 10% | of | 90 | **b)** | 30% | of | 90 |
| **7** | **a)** | 10% | of | 70 | **b)** | 30% | of | 70 |
| **8** | **a)** | 10% | of | 30 | **b)** | 30% | of | 30 |
| **9** | **a)** | 10% | of | 90 | **b)** | 30% | of | 90 |
| **10** | **a)** | 10% | of | 40 | **b)** | 5% | of | 40 |
| **11** | **a)** | 10% | of | 340 | **b)** | 5% | of | 340 |
| **12** | **a)** | 10% | of | 240 | **b)** | 5% | of | 240 |
| **13** | **a)** | 10% | of | 300 | **b)** | 5% | of | 300 |
| **14** | **a)** | 10% | of | 190 | **b)** | 60% | of | 190 |
| **15** | **a)** | 10% | of | 120 | **b)** | 60% | of | 120 |
| **16** | **a)** | 10% | of | 250 | **b)** | 60% | of | 250 |
| **17** | **a)** | 10% | of | 300 | **b)** | 60% | of | 300 |
| **18** | **a)** | 10% | of | 170 | **b)** | 15% | of | 170 |
| **19** | **a)** | 10% | of | 150 | **b)** | 15% | of | 150 |
| **20** | **a)** | 10% | of | 250 | **b)** | 15% | of | 250 |
| **21** | **a)** | 10% | of | 35 | **b)** | 20% | of | 35 |
| **22** | **a)** | 10% | of | 45 | **b)** | 30% | of | 45 |
| **23** | **a)** | 10% | of | 67 | **b)** | 20% | of | 67 |
| **24** | **a)** | 10% | of | 32 | **b)** | 5% | of | 32 |
| **25** | **a)** | 10% | of | 92 | **b)** | 30% | of | 92 |
| **26** | **a)** | 10% | of | 12 | **b)** | 25% | of | 12 |
| **27** | **a)** | 10% | of | 125 | **b)** | 15% | of | 125 |
| **28** | **a)** | 10% | of | 162 | **b)** | 60% | of | 162 |
| **29** | **a)** | 10% | of | 175 | **b)** | 70% | of | 175 |
| **30** | **a)** | 10% | of | 187 | **b)** | 35% | of | 187 |

# Section B

Put the fractions in order, smallest first

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** |  | 1 | , | 1 | , | 1 | , | 1 |
|  |  | 5 |  | 8 |  | 2 |  | 3 |
|  |  |  |  |  |  |  |  |  |
| **2** |  | 1 | , | 1 | , | 1 | , | 1 |
|  |  | 10 |  | 2 |  | 4 |  | 7 |
|  |  |  |  |  |  |  |  |  |
| **3** |  | 1 | , | 1 | , | 1 | , | 1 |
|  |  | 4 |  | 3 |  | 9 |  | 7 |
|  |  |  |  |  |  |  |  |  |
| **4** |  | 1 | , | 1 | , | 1 | , | 1 |
|  |  | 5 |  | 8 |  | 7 |  | 6 |
|  |  |  |  |  |  |  |  |  |
| **5** |  | 1 | , | 1 | , | 1 | , | 1 |
|  |  | 8 |  | 9 |  | 8 |  | 5 |
|  |  |  |  |  |  |  |  |  |
| **6** |  | 2 | , | 2 | , | 4 | , | 6 |
|  |  | 3 |  | 8 |  | 5 |  | 8 |
| **7** |  | 4 | , | 1 | , | 3 | , | 1 |
|  |  | 6 |  | 4 |  | 4 |  | 2 |
|  |  |  |  |  |  |  |  |  |
| **8** |  | 1 | , | 4 | , | 2 | , | 2 |
|  |  | 3 |  | 9 |  | 4 |  | 7 |
|  |  |  |  |  |  |  |  |  |
| **9** |  | 1 | , | 1 | , | 1 | , | 1 |
|  |  | 5 |  | 8 |  | 3 |  | 4 |
|  |  |  |  |  |  |  |  |  |
| **10** |  | 1 | , | 1 | , | 2 | , | 1 |
|  |  | 6 |  | 4 |  | 7 |  | 2 |

# Section C

In this section, fill in the gap.

Choose from

÷10 ÷100 ×10 ×100

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **1** | 41 |  | = | 4.1 |
| **2** | 64 |  | = | 6.4 |
| **3** | 98 |  | = | 9.8 |
| **4** | 92 |  | = | 0.92 |
| **5** | 24 |  | = | 0.24 |
| **6** | 99 |  | = | 990 |
| **7** | 68 |  | = | 680 |
| **8** | 48 |  | = | 0.48 |
| **9** | 37 |  | = | 3.7 |
| **10** | 83 |  | = | 0.83 |

# Section D

Change all these fractions to decimals:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **1** |  | 1 |  |  | **11** |  | 13 |
|  |  | 2 |  |  |  |  | 18 |
|  |  |  |  |  |  |  |  |
| **2** |  | 1 |  |  | **12** |  | 26 |
|  |  | 10 |  |  |  |  | 30 |
|  |  |  |  |  |  |  |  |
| **3** |  | 1 |  |  | **13** |  | 8 |
|  |  | 5 |  |  |  |  | 20 |
|  |  |  |  |  |  |  |  |
| **4** |  | 1 |  |  | **14** |  | 7 |
|  |  | 7 |  |  |  |  | 22 |
|  |  |  |  |  |  |  |  |
| **5** |  | 2 |  |  | **15** |  | 16 |
|  |  | 4 |  |  |  |  | 24 |
|  |  |  |  |  |  |  |  |
| **6** |  | 2 |  |  | **16** |  | 21 |
|  |  | 4 |  |  |  |  | 24 |
|  |  |  |  |  |  |  |  |
| **7** |  | 3 |  |  | **17** |  | 10 |
|  |  | 9 |  |  |  |  | 16 |
|  |  |  |  |  |  |  |  |
| **8** |  | 5 |  |  | **18** |  | 4 |
|  |  | 8 |  |  |  |  | 26 |
|  |  |  |  |  |  |  |  |
| **9** |  | 2 |  |  | **19** |  | 2 |
|  |  | 7 |  |  |  |  | 17 |
|  |  |  |  |  |  |  |  |
| **10** |  | 3 |  |  | **20** |  | 23 |
|  |  | 7 |  |  |  |  | 30 |