|  |
| --- |
|  |
| **Question** | **Action** |
| 1 | Find the square root of 144 |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**14 | **B: 12** | **C:**18 | **D:**12.5 | **E:**14.5 | |  |
| 2 | If Y+Y+Y = 27. Find the value of Y. |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**9 | **B:**6 | **C:**4 | **D: 3** | **E:**2.7 | |  |
| 3 | Find the square root of 17/9. |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**2/3 | **B:**3/4 | **C: 4/3** | **D:**7/3 | **E:**7/9 | |  |
| 4 | Find the value of 25% of 100 plus 20 |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A: 45** | **B:**55 | **C:**65 | **D:**75 | **E:**35 | |  |
| 5 | Two numbers are in the ratio of 2: 3. The larger number is 15. Find the smallest number. |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**18 | **B:**50 | **C: 10** | **D:**25 | **E:**7 | |  |
| 6 | If 3 oranges cost #t005. Find the cost of 10 oranges |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**#120 | **B:**#80 | **C: #150** | **D:**#200 | **E:**#100 | |  |
| 7 | Express 12% as a fraction in its lowest term |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**8/12 | **B:**1/25 | **C:**6/50 | **D: 3/25** | **E:**3/250 | |  |
| 8 | The proportion of boys to girls in a class is 1:4. If there are 45 pupils, how many girls are there? |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**45 | **B: 36** | **C:**32 | **D:**18 | **E:**9 | |  |
| 9 | Ade and Adewale share a Sum of #240.00 in the ratio of 2:3. How much does Adewale get? |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**#96 | **B:**#120 | **C: #144** | **D:**#160 | **E:**#360 | |  |
| 10 | Multiply  the LCM of 4,8 and 12 by its HCF |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**4 | **B:**20 | **C:**28 | **D: 96** | **E:**50 | |  |
| 11 | A man's average speed is 120km/hr. Hiw far will he travel in 3 hrs |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A: 40km** | **B:**42km | **C:**15km | **D:**28km | **E:**30km | |  |
| 12 | Express 25k as a percentage of #5.00 |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**50% | **B:**25% | **C:**15% | **D: 5%** | **E:**10% | |  |
| 13 | Express 3 meters in Centimetres |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**30cm | **B: 300cm** | **C:**3000cm | **D:**30000cm | **E:**3cm | |  |
| 14 | Express 6/10 as decimal |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**6.1 | **B: 0.6** | **C:**0.06 | **D:**0.66 | **E:**6.66 | |  |
| 15 | Find the square root 121 |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A: 11** | **B:**10 | **C:**12 | **D:**13 | **E:**8 | |  |
| 16 | What is the sum of 6^2 and 2^4? |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**16 | **B:**20 | **C:**36 | **D:**44 | **E: 52** | |  |
| 17 | Add 5/8 and 2/3 |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**8/11 | **B:**7/24 | **C: 31/24** | **D:**3/4 | **E:**9/8 | |  |
| 18 | Express 0.25 as a fraction |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**25/90 | **B:**1/10 | **C: 1/4** | **D:**2/20 | **E:**5/11 | |  |
| 19 | Thu sum of a certain number and 16 is 42. What is the number ? |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**20 | **B:**22 | **C:**24 | **D:**28 | **E: 26** | |  |
| 20 | What is the value of the digit 7 in the number 43.07? |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**7/1000 | **B: 7/100** | **C:**7/10 | **D:**7/1 | **E:**70 | |  |
| 21 | Which of the fraction 1/9, 1/8, 1/5, and 1/4 is the smallest? |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A: 1/9** | **B:**1/8 | **C:**1/7 | **D:**1/5 | **E:**1/4 | |  |
| 22 | Correct 33.246 to 2 significant  figures |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**33.3 | **B:**33.25 | **C:**33.24 | **D: 33.00** | **E:**33.6 | |  |
| 23 | How many minutes are there between 7:30 am and 2:15 pm of the same day? |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**275 minutes | **B:**285 minutes | **C:**295 minutes | **D: 405 minutes** | **E:**310 minutes | |  |
| 24 | Two boys aged 6 and 8 years shared #560 in the ratio of their ages. How much did the older boy receive? |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**#200 | **B:**#240 | **C:**#280 | **D: #320** | **E:**#360 | |  |
| 25 | In 1968 a man was 38 years old. In what years was he born? |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**1950 | **B:**1940 | **C: 1930** | **D:**1960 | **E:**1920 | |  |
| 26 | There are 45 children in a class. If 9 of them are absent, what percentage of the class is absent? |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**40% | **B:**80% | **C: 20%** | **D:**39% | **E:**9% | |  |
| 27 | If 4 labourers can finish a job in 6 days, how long would it take 3 men to do the same job? |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**2 days | **B:**4 and a half day | **C: 8 days** | **D:**10 days | **E:**12 days | |  |
| 28 | Which of the following is the least? |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**2 | **B:**1 | **C:**5/4 | **D:**5/6 | **E: 2/5** | |  |
| 29 | Five students wrote a test with the following scores 5, 9, 10, 8, 8. Calculate  the mode |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**9 | **B:**12 | **C:**5 | **D: 8** | **E:**10 | |  |
| 30 | Five students wrote a test with the following scores 5, 9, 10, 8, 8. Calculate  the median |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**9 | **B: 8** | **C:**10 | **D:**5 | **E:**12 | |  |
| 31 | Five students wrote a test with the following scores 5, 9, 10, 8, 8. Calculate  the mean |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A: 8** | **B:**10 | **C:**9 | **D:**2 | **E:**3 | |  |
| 32 | Find the sum of the square of 9 and the square root of 9. |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**6 | **B:**81 | **C: 84** | **D:**48 | **E:**99 | |  |
| 33 | Two-third of a number is 10. What is the number? |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**30 | **B:**25 | **C:**20 | **D: 15** | **E:**10 | |  |
| 34 | How many hours are there in one week and four days? |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**246 hours | **B: 264 hours** | **C:**346 hours | **D:**364 hours | **E:**444 hours | |  |
| 35 | Express 98 days in weeks |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**19 days | **B:**7 days | **C: 14 days** | **D:**16 days | **E:**18 days | |  |
| 36 | Express 1/4 in percentage |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A: 25%** | **B:**56% | **C:**75% | **D:**85% | **E:**90% | |  |
| 37 | Correct 87.9152 to two decimal places |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**88 | **B:**87.9 | **C:**87.91 | **D: 87.92** | **E:**87.915 | |  |
| 38 | The sum of angles on a straight line is equal to ------------- |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**90 degrees | **B:**120 degres | **C: 180 degree** | **D:**270 degree | **E:**360 degree | |  |
| 39 | Which of the following is a perfect square? |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**30 | **B:**56 | **C:**80 | **D: 121** | **E:**130 | |  |
| 40 | Find the H CF of 8, 4 and 16 |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A: 4** | **B:**5 | **C:**2 | **D:**8 | **E:**32 | |  |
| 41 | A line that divides a square into equal parts is called a/an ------------ |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**Chord | **B:**Diameter | **C:**Imaginary line | **D: Line of symmetry** | **E:**Segment | |  |
| 42 | Multiply 49.5 by 0.5 |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**2475 | **B:**247.5 | **C: 24.75** | **D:**24.72 | **E:**2.475 | |  |
| 43 | Express 514 in Roman Numerals |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**CCXLV | **B: DXIV** | **C:**DXLV | **D:**XLIV | **E:**XDIV | |  |
| 44 | Find the L C M of 4, 8 and 16 |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A: 16** | **B:**8 | **C:**32 | **D:**40 | **E:**24 | |  |
| 45 | Simplify  1/2 × 1/8 ÷ 1/24 |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**1/6 | **B:**2/3 | **C: 3/2** | **D:**2 | **E:**3 | |  |
| 46 | Express 25 as a fraction of 125 |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A: 1/5** | **B:**1/25 | **C:**4/5 | **D:**3/5 | **E:**2/5 | |  |
| 47 | Simplify  (40 + 5) x (30 + 24) ÷ 9 |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**7 | **B: 270** | **C:**90 | **D:**40 | **E:**567 | |  |
| 48 | If 2x + 3 = 11. What is x? |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**2 | **B:**20 | **C:**7 | **D:**5 | **E: 4** | |  |
| 49 | Write in figure Five thousand, five hundred and five. |  |
|  | **Options** | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **A:**5,005 | **B:**5,059 | **C: 5,505** | **D:**50,505 | **E:**55,005 | |  |
| 50 | What is the smallest number that can be divided exactly by 6, 7, and 9? |  |
|  | **Options** | |
|  | |  | | --- | |  | |  |