

ARITHMETIC

1. Multiply 6393  

$$\begin{array}{r} 6393 \\ \times 6 \\ \hline \end{array}$$
2. Subtract 5610  

$$\begin{array}{r} 5610 \\ - 3679 \\ \hline \end{array}$$
3. Divide 7)6307  

$$\begin{array}{r} 7 \overline{)6307} \\ \hline \end{array}$$
4. Write 0.125 as a fraction  
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5. Average 9, 15, 9  
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6. Write  $\frac{7}{8}$  as a decimal  
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7.  $\frac{4}{9} \times \frac{6}{7} =$   
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8.  $\frac{3}{4} + \frac{4}{5} =$   
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9.  $4\frac{1}{4} - 2\frac{3}{4} =$   
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10.  $\frac{1}{2} \div \frac{1}{16} =$   
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11. 100ft of water pipe is increased in length by  $12\frac{1}{2}\%$ . What is the new length?  
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12. If 112 articles cost \$1.00, what will be the cost of 280 at the same rate?  
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13. Multiply .00025 by .005  
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14. A man has a stock of cigarettes that will last him 168 days if he smokes 9 a day. How many may he smoke a day to make his stock last for 216 days?  
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15. A pole 12ft long is painted in three colours. One quarter of it is red, 6ft 9in is blue, and the rest yellow. What length of the pole is painted yellow?  
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16. A car is bought for \$2,000; its value depreciates by 10% per annum. What is it worth after 3 years?  
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17.  $4\frac{7}{16} + \frac{7}{12} + 2\frac{3}{8} - 3\frac{17}{24} =$   
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$$18. \frac{\frac{3}{5} \text{ of } \frac{5}{8} + \left(\frac{7}{16} + 3\frac{1}{16}\right)}{5\frac{1}{4}}$$


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19. Express the reciprocal of 19, correct to 3 decimal places.

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20. Given  $I = \frac{E}{R}$  and  $W = E \times I$  find R when  
 $W = 1250$  and  $E = 250$ .

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$$21. \frac{4}{15} \times \frac{5}{21} \times 1\frac{1}{8} \div \frac{4}{5} =$$


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22. Find the sum of: 0.329, 19.07, 29.736, 1.074 and 17.002

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23. Calculate correct to 3 decimal places  
 $15.578 \div 0.034$

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24.  $13.057 \times 1.375$  to 3 decimal places.

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$$25. \frac{2\frac{1}{3} + \frac{13}{48} + \frac{7}{48} - \frac{5}{24}}{1\frac{1}{4} + \frac{3}{16} - \frac{5}{24}}$$


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NZPO

Arithmetic test  
 (Technician  
 Training)  
 from around  
 1965