

1. How many days in June, July and August?

June = 30  
July = 31  
August 31

92

2.  $54 \times 4 =$

$$\begin{array}{r} 54 \\ 4 \times \\ \hline 216 \end{array}$$

216

3.  $6240 \div 2 =$

3,120

4.  $589 \times 23 =$

$$\begin{array}{r} 589 \\ 23 \times \\ \hline 11777 \\ 11780 \\ \hline 13557 \end{array}$$

13,557

5.  $7,236,467 - 4,779,194 =$

$$\begin{array}{r} 7236467 \\ 4779194 \\ \hline 2457273 \end{array}$$

2,457,273

6.  $\div 7 = 9$

$9 \times 7 = 63$

63

7.  $47 - 53 =$

-6

8.  $4.6 + 13.02 - 9.7 =$

7.92

9.  $5 \times 3 \times 4 =$

$5 \times 3 = 15$

$15 \times 4 = 60$

60

10.  $\frac{7}{9} - \frac{4}{9} =$

$\frac{7}{9} - \frac{4}{9} = \frac{3}{9}$

$\frac{3}{9}$

11.  $19,000 \div = 19$

1000

12. Order these numbers greatest to least: 8746 7846 8764 8674

8746  
7846  
8764  
8674

8764, 8746,  
8674, 7846



13.  $4^3 =$

$4 \times 4 = 16$

$16 \times 4 = 64$

64

14.  $100,001 - 501 =$

99,500

15.  $\times 100 = 10.45$

0.1045

16.  $4/8 = ?/24$

$\frac{4}{8} \times 3 = \frac{12}{24}$

$\frac{12}{24}$

17.  $18\% \text{ of } 20 =$

3.6

18.  $5.23 \times 7 =$

36.61

19

Write  $\frac{8}{3}$  as a mixed number

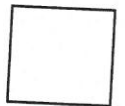
$$\frac{8}{3} = 2 \frac{2}{3}$$

$$2 \frac{2}{3}$$

20.

$$62 \overline{)1736}$$

$$28$$



1. How many cm in 87m?

8,700

2.  $54 \times 42 =$

$$\begin{array}{r} 54 \\ 42 \times \\ \hline 108 \\ 2160 \\ \hline 2268 \end{array}$$

~~2,184~~  
2,268

3.  $6240 \div 4 =$

1,560

4.  $453 \times 13 =$

5,889

5.  $5,236,467 - 3,779,194 =$

1,457,273

6.  $54 \div 6 =$

9



7. Round 6,789.25 to 1 dp

6,789.3

8.  $200.1 = 99 +$

101.1

9.  $12 \times 3 \times 5 =$

$$12 \times 3 = 36$$

$$36 \times 5 = 180$$

180

10.  $\frac{7}{9} + \frac{4}{9} =$

$$\frac{7}{9} + \frac{4}{9} = \frac{11}{9} = 1\frac{2}{9}$$

$\frac{11}{9}$  or  $1\frac{2}{9}$

11.  $230 \div = 23$

10

12. Order these numbers greatest to least: 1.01 0.10 1.001 0.101 1

1.010  
0.100  
1.001  
0.101  
1.000

~~1.001~~  
1.01    0.101  
1.001    0.10

13.  $4^2 \times 5 =$

$4 \times 4 = 16$

$16 \times 5 =$

80

14.  $100,001 - 501 = 25 +$

99,475

15.  $17 \times 100 =$

1,700

16.  $4/8 \times 1/2$

$\frac{4}{8} \times \frac{1}{2} = \frac{4}{16} = \frac{2}{8} = \frac{1}{4}$

$\frac{4}{16}$  or  $\frac{2}{8}$  or  $\frac{1}{4}$

17.  $25\% \text{ of } 250 =$

$4 \overline{) 062.5}^{r2}$  or  $4 \overline{) 062.5}^{r2}$

$62^r$  or 62.5

18.  $3.43 \times 8 =$

27.44

19

Write  $4\frac{2}{3}$  as an improper fraction

$4\frac{2}{3}$

$4 \times 3 = 12$

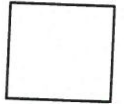
$12 + 2 = 14$

$\frac{14}{3}$

20.

$52 \overline{)2184}$

42





1.  $1/2 + 3/2 =$

$$\frac{1}{2} + \frac{3}{2} = \frac{4}{2} = 2$$

$\frac{4}{2}$  or 2

2.  $23 \times = 92$

4

3.  $8000 \div 4 =$

2,000

4.  $654 \times 25 =$

16,350

5.  $236,467 + 779,194 =$

1,015,661

6.  $0.08 + 1 + 0.4 =$

$$\begin{array}{r} 1 \\ 0.08 \\ 0.4 \quad + \\ \hline 1.48 \end{array}$$

1.48

7. Round 6,789.254 to 2dp

6,789.25

8.  $200.1 = 300 -$

99.9

9.  $14 \times 2 \times 4 =$

112

10.  $\frac{7}{8} \div \frac{4}{9} =$

$$\frac{7}{8} \div \frac{4}{9} = \frac{7}{8} \times \frac{9}{4} = \frac{63}{32} \quad 1\frac{31}{32}$$

$\frac{63}{32}$  or  $1\frac{31}{32}$

11.  $42.1 \div 10 =$

4.21

12. Days in June multiplied by days in August =

$$30 \times 31 =$$

930



13.  $4^2 \times 4 + 7 =$

$4 \times 4 = 16$

$16 \times 4 + 7$

$16 \times 4 = 64$

$64 + 7 = 71$

71

14.



What fraction of the shape is shaded?

$\frac{4}{8}$

15.

$19 \div 100 = 1.9 \times$

$19 \div 100 = 0.19$

$1.9 \times \underline{\quad} = 0.19$

CAN'T BE DONE

$\frac{9}{20}$

16.  $\frac{3}{5} \times \frac{3}{4} =$

$\frac{3}{5} \times \frac{3}{4} = \frac{9}{20}$

17

17. 5% of 340 =

$10\% = 34$

$34 \div 2 = 17$

75.46

18.  $3.43 \times 22 =$



19

$4 \times \frac{3}{5} =$

$$4 \times \frac{3}{5} = \quad 4 \times 3 = \frac{12}{5}$$

$$\frac{12}{5} = 2 \frac{2}{5}$$



20.

Write 567 in Roman numerals.

$500 = D$

$67 = \cancel{4}XVII$

DLXVII



1.  $4/18 - 1/9 =$

$$\frac{1}{9} = \frac{2}{18}$$

$$\frac{4}{18} - \frac{2}{18} = \frac{2}{18} \text{ or } \frac{1}{9}$$

$$\frac{2}{18} \text{ or } \frac{1}{9}$$

2.  $23 \times 4 = 32 +$

$$\begin{array}{r} 23 \times 4 \\ = 92 \end{array}$$

$$\begin{array}{r} 32 + \underline{\quad} \\ = 92 \end{array}$$

60

3.  $18,000 \div 3 =$

6,000

4.  $654 \times 23 =$

15,042

5.  $236,467 - 179,194 =$

57,273

6.  $1/10 + 0.3 =$

$$\frac{1}{10} = 0.1$$

or  $0.3 = \frac{3}{10}$

$$0.1 + 0.3 = 0.4$$

$$\frac{1}{10} + \frac{3}{10} = \frac{4}{10} = \frac{2}{5}$$

0.4 or  $\frac{4}{10}$  or  $\frac{2}{5}$

7. Round 6,789.254 the nearest 1000

7000

8.  $\frac{2}{5}$  of 30

$$30 \div 5 = 6$$

$$6 \times 2 = 12$$

12

9.  $0.03 =$  %

$$\frac{3}{100} = 3\%$$

3%

10.  $\frac{7}{8} \div \frac{4}{9} =$

$$\frac{7}{8} \div \frac{4}{9} = \frac{7}{8} \times \frac{9}{4} = \frac{63}{32}$$

$1\frac{31}{32}$

11.  $20 \times 40 =$

$$2 \times 4 = 8$$

$$20 \times 4 = 80$$

$$20 \times 40 = 800$$

800

12.  $26.8 - 6.12 =$

$$\begin{array}{r} 26.80 \\ - 6.12 \\ \hline 20.68 \end{array}$$

20.68



13.  $373 \times 2 \times 0 =$

0

14.  $5/15 = ?/3$

$$\frac{5}{15} \div 5 = \frac{1}{3}$$

$\frac{1}{3}$

15.  $400 \times 40 =$

$$4 \times 4 = 16$$
$$400 \times 40 = 16,000$$

16,000

16.  $3/5 \div 3/4 =$

$$\frac{3}{5} \div \frac{3}{4} = \frac{3}{5} \times \frac{4}{3} = \frac{12}{15} = \frac{4}{5}$$

$\frac{4}{5}$

17. 15% of 450 =

$$10\% = 45$$
$$5\% = 22.5$$
$$\begin{array}{r} 45 \\ 22.5 \\ \hline 67.5 \end{array}$$

67.5%

18.  $2 \frac{3}{8} \times 5 =$

$$2 \frac{3}{8} \times 5$$
$$8 \times 2 = 16 + 3 = 19$$
$$\begin{array}{r} 19 \\ 8 \\ \hline 419 \\ 5 \times \\ \hline 95 \end{array}$$
$$\frac{95}{5} = 19$$

19

19

$$\frac{3}{5} \div 5 =$$

$$\frac{3}{5} \div 5 = \frac{3}{5} \times \frac{1}{5} = \frac{3}{25}$$

$$\frac{3}{25}$$

20.

How many seconds in 4hrs?

60 seconds in 1min . 60min in 1hr  
 $60 \times 60 = 3,600$  3,600 in 1hr  
 $3,600 \times 4 = 14,400$

$$14,400 \text{ seconds}$$