

1.

?

3013

3023

3003

2. $67 \times 9 =$

$$\begin{array}{r} 67 \\ 9 \times \\ \hline 603 \end{array}$$

603

3. $2240 \div 2 =$

1120

4. $437 \times 24 =$

$$\begin{array}{r} 437 \\ 24 \times \\ \hline 10488 \end{array}$$

10,488

5. $6,236,467 + 3,772,194 =$

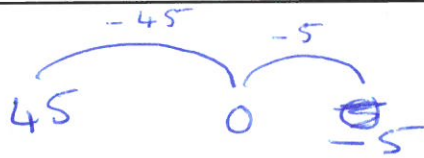
$$\begin{array}{r} 6236467 \\ 3772194 + \\ \hline 10008661 \end{array}$$

10,008,661

6. $63 \div 9 =$

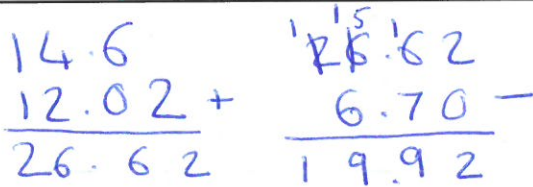
7

7. $45 - 50 =$



-5

8. $14.6 + 12.02 - 6.7 =$



19.92

9. $6 \times 3 \times 3 =$

$6 \times 3 = 18$
 $18 \times 3 = 54$

54

10. $\frac{7}{8} - \frac{3}{8} =$

$\frac{7}{8} - \frac{3}{8} = \frac{4}{8}$

$\frac{4}{8} = \frac{2}{4}$

11. $1,600 \div = 16$

100

12. Order these numbers greatest to least: 5656 6565 5565 5556

5656
 6565
 5565
 5556

Start with thousands column then hundreds, then tens and finally units

6565, 5656
 5565, 5556

13. $7^3 =$

$7 \times 7 = 49$

$49 \times 7 =$

343

14. $88,001 - 502 =$

87,499

15. $\times 100 = 1.45$

0.0145

16. XXXVIII =

$X = 10$

$XXX = 30$

$VIII = 8$

38

17. 14% of 40 =

$10\% = 4$

$1\% = 0.4$

$4\% = 0.4 \times 4 = 1.6$

$$\begin{array}{r} 4 \\ 1.6 + \\ \hline 5.6 \end{array}$$

5.6

18. $6.23 \times 7 =$

43.61

19

Write $\frac{4}{3}$ as a mixed number

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

$$1\frac{1}{3}$$

3 goes into 4 once with 1 left over

20.

$$45 \overline{)2045}$$

$$1 \times 45 = 45$$

$$2 \times 45 = 90$$

$$10 \times 45 = 450$$

$$5 \times 45 = 225$$

$$\begin{array}{r} 0045r20 \\ 45 \overline{)2045} \\ \underline{45} \\ 0045 \\ \underline{45} \\ 0000 \end{array}$$

$$\begin{array}{r} 0045.4 \\ 45 \overline{)2045.00} \\ \underline{45} \\ 0045 \\ \underline{45} \\ 0000 \end{array}$$

$$45r20$$

or

$$45.4$$



1. What is the value of the underlined digit? 667,543

087.

600,000

2. $43 \times 11 =$

473

3. $2240 \div 4 =$

560

4. $567 \times 36 =$

20,412

5. $6,236,467 - 3,772,194 =$

2,464,273

6. $4081 \div 7 =$

$$\begin{array}{r} 0583 \\ 7 \overline{) 4081} \\ \underline{714} \\ 4081 \\ \underline{4081} \\ 0 \end{array}$$

583

7. $100 - 230 =$

-130

8. Write in the correct symbol = < > 4.08 4.18

<

9. $4 \times 10 \times 6 =$

40×6

240

10. $\frac{3}{6} - \frac{1}{18} =$

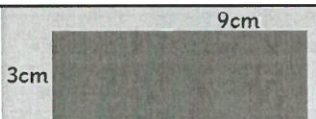
$\frac{3 \times 3}{6 \times 3} - \frac{1}{18}$

$\frac{3}{6} = \frac{9}{18}$

$\frac{9}{18} - \frac{1}{18} = \frac{8}{18} = \frac{4}{9}$

$\frac{8}{18}$ or $\frac{4}{9}$

11.



What's the area of the rectangle?

$9 \times 3 = 27$

27cm^2

12. Order these numbers greatest to least: 0.45 4.05 0.545 0.455

0.450
4.050
0.545
0.455

4.050
0.545
0.455
0.450

13.

$7^2 \times 7^2 =$

$7 \times 7 = 49 \quad 49 \times 49 =$

2,401

14.

$76,000 + 1,501 =$

77,501

15.

$3/7 \text{ of } 210 =$

$210 \div 7 = 30$

$30 \times 3 = 90$

90

16.

Write 2,620 in Roman Numerals

$M = 1000$

MMDCXX

$D = 500$

$C = 100$

$X = 10$

MMDCXX

17.

$25\% \text{ of } 60 =$

15

18.

$8.23 \times 4 =$

32.92

19

Write $2\frac{6}{8}$ as an improper fraction

$$2\frac{6}{8}$$

$$2 \times 8 + 6 = 22$$

$$\frac{22}{8}$$

$$\frac{8}{8} = 1 \quad \frac{16}{8} = 2$$

$$\frac{22}{8} = 2\frac{6}{8}$$

20.

$$\begin{array}{r} 0300 \\ 30 \overline{)9000} \end{array}$$

$$300$$



1. Write 456,876 in words

Four hundred and fifty six thousand, eight hundred and seventy six

2. $47 \times 6 =$

3. $550 \div 50 =$

4. $321 \times 46 =$

$$\begin{array}{r} 321 \\ \times 46 \\ \hline 1926 \\ 12840 \\ \hline 14766 \end{array}$$

5. $736,467 - 365,214 =$

6. $\frac{1}{2} = \frac{3}{?}$

$$\frac{1}{2} = \frac{3}{?}$$

$$1 \times 3 = 3$$

$$2 \times 3 = 6$$

7. $40 - 60 =$

-20

8. Write in the correct symbol = < > 867,564 876,564

<

9. An angle measuring 100° is obtuse? True or False

True

10. What are the missing numbers?
-20 -15 ? -5 ? 5

-10, 0

11. $\frac{4}{6}$ of 48 =

$$48 \div 6 = 8$$

$$4 \times 8 = 32$$

32

12. $\frac{3}{4} \times \frac{1}{2} =$

$$\frac{3}{4} \times \frac{1}{2} = \frac{3}{8}$$

$\frac{3}{8}$

13. $7 \times 1/3 =$

$$7 \times \frac{1}{3} = \frac{7}{3} \text{ or } 2\frac{1}{3}$$

$$\frac{7}{3} \text{ or } 2\frac{1}{3}$$

14. $43,000 + 2,500 =$

$$45,500$$

15. $3/7 \div 2/5 =$

$$\frac{3}{7} \div \frac{2}{5}$$

$$\frac{3}{7} \times \frac{5}{2} = \frac{15}{14}$$

$$\frac{15}{14} \text{ or } 1\frac{1}{14}$$

16. LXXXIV

$$84$$

17. 80% of 80 =

$$10\% = 8$$

$$8 \times 8 = 64$$

$$64$$

18. $5.23 \times 3 =$

$$15.69$$

19

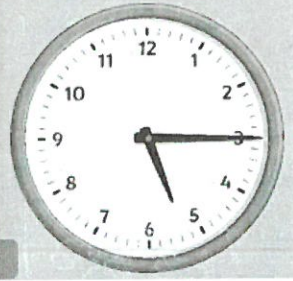
What fraction of the dots are red?



$$\frac{2}{10}$$

$$\frac{2}{10} \text{ or } \frac{1}{5}$$

20.



What is this afternoon time on a 24-hr digital clock?

$$17:15$$

1. $\frac{1}{2}$ of 9 =

4.5

2. $55 \times 7 =$

385

3. $5555 \div 5 =$

$\begin{array}{cccc} 1 & 1 & 1 & 1 \\ \hline 5 & 1 & 5 & 5 \\ \hline 5 & 5 & 5 & 5 \end{array}$

1111

4. $654 \times 16 =$

$\begin{array}{r} ^3 654 \\ ^2 16 \times \\ \hline ^1 3924 \\ 6540 \\ \hline 10,464 \end{array}$

10,464

5. $636,467 + 365,214 =$

$\begin{array}{r} ^1 636,467 \\ 365,214 + \\ \hline 1001,681 \end{array}$

1,001,681

6. $\frac{1}{2} \div \frac{3}{7} =$

$\frac{1}{2} \div \frac{3}{7} = \frac{1}{2} \times \frac{7}{3} = \frac{7}{6}$

$\frac{7}{6}$ or $1\frac{1}{6}$

7. $25 - 26 =$

-1

8. $23.6 + 12.98$

$$\begin{array}{r} 23.6 \\ 12.98 \\ \hline 36.58 \end{array}$$

36.58

9. 456 in Roman numerals =

CDLVI

10. What are the missing numbers?
-18 -15 ? -9 ? -3

-12, -6

11. $\frac{3}{9}$ of 27 =

$$\begin{array}{l} 27 \div 9 = 3 \\ 3 \times 3 = 9 \end{array}$$

9

12. $\frac{5}{6} \times \frac{4}{8} =$

$$\frac{5}{6} \times \frac{4}{8} = \frac{20}{48} \text{ or } \frac{10}{24} \text{ or } \frac{5}{12}$$

$\frac{20}{48}$ or $\frac{10}{24}$ or $\frac{5}{12}$

13. $6 \times \frac{1}{4} =$

$$6 \times \frac{1}{4} = \frac{6}{4} \text{ or } 1 \frac{2}{4} \text{ or } 1 \frac{1}{2}$$

$$\frac{6}{4} \text{ or } 1 \frac{2}{4} \text{ or } 1 \frac{1}{2}$$

14. $76,000 + 2,600 =$

$$78,600$$

15. $567 \times 0 =$

$$0$$

16. Round 567,432 to the nearest 10,000

$$570,000$$

17. 45% of 600 =

$$10\% = 60$$

$$60 \times 4 = 240$$

$$5\% = 30$$

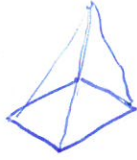
$$270$$

18. $3.13 \times 4 =$

$$12.52$$

19

I have 5 vertices and 5 faces. What am I?



square based
pyramid

20.

How many 50p in £8.50?

2 in £1
✓
8
16 in £8

17

