

A

Answer these sums.

1. $15 \overline{)540}$

2. $18 \overline{)828}$

3. $14 \overline{)812}$

4. $23 \overline{)437}$

5. $16 \overline{)608}$

6. $25 \overline{)625}$

7. $13 \overline{)949}$

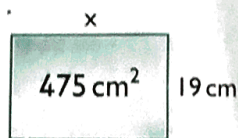
8. $28 \overline{)478}$

B

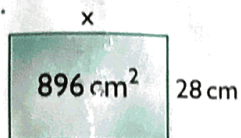
On each of the following diagrams, the area and the length one side of each rectangle is shown.

Calculate and write the length of side x on each rectangle.

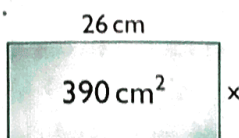
1.



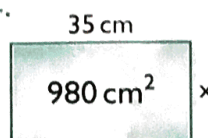
2.



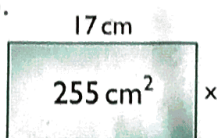
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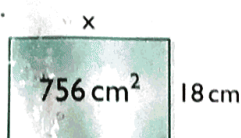
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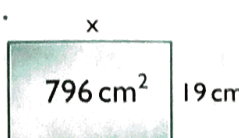
5.



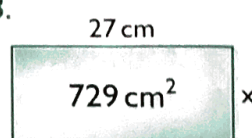
6.



7.

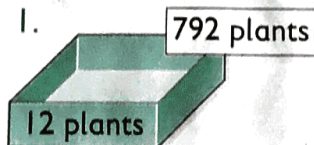


8.

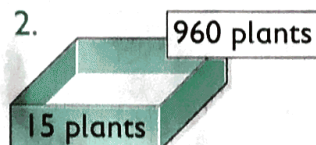
**C**

Each box is marked with the number of plants it will hold. Calculate and write how many boxes are needed for these plants.

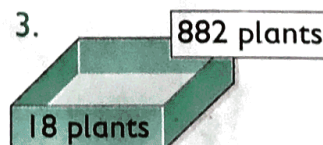
1.



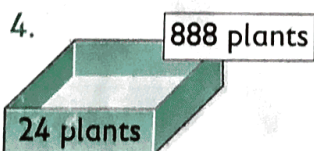
2.



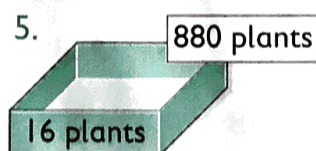
3.



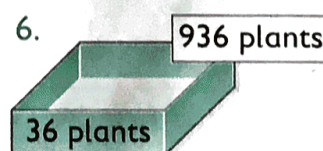
4.



5.



6.

**D**

Write the remainder for each of these sums.

1. $372 \div 15$

2. $475 \div 12$

3. $674 \div 17$

4. $940 \div 22$

5. $539 \div 21$

6. $687 \div 25$

7. $438 \div 45$

8. $972 \div 36$

E

Copy and complete the following sums.

1. $98 \square \div 17 = \square 8$

2. $840 \div 2 \square = 35$

3. $\square 3 \square \div 28 = 19$

4. $6 \square \div 25 = 26$

5. $972 \div \square = 54$

6. $99 \square \div 16 = \square 2$

A

Answer the following questions.

1. What is the quotient of 17 and 986?
2. What is the remainder when 794 is divided by 15?
3. The twelfth multiple of a number is 924.
What is the number?
4. When dividing a number by 14, the answer is 25 remainder 7.
What is the number?
5. By what must 576 be divided to have a quotient of 18?

B

This table is a record of players' scores for a computer game.
Answer the following questions.

Total points	Number of games	Player
336	12	Naz
576	18	Ben
600	25	Jayaben
377	13	Trudy
672	24	Colette
612	36	Mario

1. Who has the best mean average for each game?
2. Who has the worst mean average for each game?
3. Which players have the same mean average?
4. Who has a better mean average, Jayaben or Trudy?

C

Answer these sums.

1. $560 \div 16$
2. $846 \div 18$
3. $391 \div 23$
4. $575 \div 25$
5. $972 \div 36$
6. $806 \div 26$
7. $858 \div 33$
8. $480 \div 32$

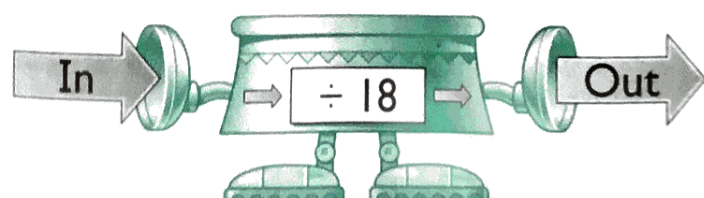
D

Divide each number by 17 and write the remainders.

1.  917
2.  364
3.  852
4.  629
5.  884
6.  715

E

Copy and complete the table of results for this function machine.



In	216	252	324	342	414	468
Out						

A

Copy the following sums, writing in the missing digits.

$$\begin{array}{r}
 \square 2 \\
 1. \ 13 \overline{) 93 \square}
 \end{array}
 \quad
 \begin{array}{r}
 \square \square \\
 2. \ 16 \overline{) 880}
 \end{array}
 \quad
 \begin{array}{r}
 \square 7 \\
 3. \ 26 \overline{) 9 \square 2}
 \end{array}
 \quad
 \begin{array}{r}
 18 \\
 4. \ 3 \square \overline{) 55 \square}
 \end{array}$$

$$\begin{array}{r}
 22 \\
 5. \ \square \square \overline{) 858}
 \end{array}
 \quad
 \begin{array}{r}
 1 \square \\
 6. \ 46 \overline{) 69 \square}
 \end{array}
 \quad
 \begin{array}{r}
 \square \square \\
 7. \ 54 \overline{) 918}
 \end{array}
 \quad
 \begin{array}{r}
 12 \\
 8. \ \square \square \overline{) 744}
 \end{array}$$

B

Each of these amounts is shared between 12 people.

For each amount, write the size of each person's share to the nearest penny.

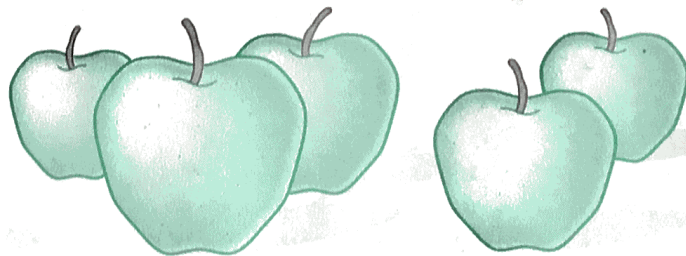
1.  £9.56
2.  £7.46
3.  £8.45
4.  £3.28
5.  £7.15
6.  £9.99

C

Here is a table recording the apple harvest at Blossom Farm.

Orchard	Number of trees	Weight of fruit (kg)
1	19	437
2	17	442
3	15	390
4	24	528
5	28	532
6	19	475

For each orchard, write the mean average weight of fruit picked from each tree.

**D**

Answer these sums.

1. $439 \div 13$
2. $546 \div 15$
3. $885 \div 27$
4. $921 \div 24$
5. $744 \div 25$
6. $807 \div 19$
7. $643 \div 35$
8. $900 \div 34$

E

Copy and complete the table of results for this function machine.

A

Answer these sums.

1. $14 \overline{)952}$

2. $18 \overline{)954}$

3. $13 \overline{)767}$

4. $26 \overline{)962}$

5. $32 \overline{)896}$

6. $35 \overline{)665}$

7. $46 \overline{)598}$

8. $43 \overline{)946}$

B

Calculate and write the length of the side x for each of the following rectangles.

1. $\begin{array}{|c|} \hline 32 \text{ cm} \\ \hline \text{Area} = \\ 896 \text{ cm}^2 \\ \hline \end{array} \times$

2. $\begin{array}{|c|} \hline 27 \text{ cm} \\ \hline \text{Area} = \\ 486 \text{ cm}^2 \\ \hline \end{array} \times$

3. $\begin{array}{|c|} \hline x \\ \hline \text{Area} = \\ 676 \text{ cm}^2 \\ \hline \end{array} 26 \text{ cm}$

4. $\begin{array}{|c|} \hline 38 \text{ cm} \\ \hline \text{Area} = \\ 874 \text{ cm}^2 \\ \hline \end{array} \times$

5. $\begin{array}{|c|} \hline x \\ \hline \text{Area} = \\ 361 \text{ cm}^2 \\ \hline \end{array} 19 \text{ cm}$

6. $\begin{array}{|c|} \hline 18 \text{ cm} \\ \hline \text{Area} = \\ 306 \text{ cm}^2 \\ \hline \end{array} \times$

7. $\begin{array}{|c|} \hline 26 \text{ cm} \\ \hline \text{Area} = \\ 520 \text{ cm}^2 \\ \hline \end{array} \times$

8. $\begin{array}{|c|} \hline x \\ \hline \text{Area} = \\ 648 \text{ cm}^2 \\ \hline \end{array} 18 \text{ cm}$

C

Write each answer to the nearest pound.

1. $\text{£}844 \div 12$

2. $\text{£}925 \div 13$

3. $\text{£}868 \div 15$

4. $\text{£}435 \div 14$

5. $\text{£}738 \div 18$

6. $\text{£}807 \div 19$

7. $\text{£}592 \div 16$

8. $\text{£}638 \div 17$

D

Calculate and write the missing number for each sum.

1. $\begin{array}{r} 52 \text{ r}8 \\ \square \overline{)684} \end{array}$

2. $\begin{array}{r} 45 \text{ r}7 \\ \square \overline{)547} \end{array}$

3. $\begin{array}{r} 36 \text{ r}3 \\ \square \overline{)543} \end{array}$

4. $\begin{array}{r} 47 \text{ r}11 \\ \square \overline{)904} \end{array}$

5. $\begin{array}{r} 18 \text{ r}8 \\ \square \overline{)422} \end{array}$

6. $\begin{array}{r} 35 \text{ r}13 \\ \square \overline{)573} \end{array}$

7. $\begin{array}{r} 45 \text{ r}9 \\ \square \overline{)774} \end{array}$

8. $\begin{array}{r} 56 \text{ r}8 \\ \square \overline{)904} \end{array}$

E

Answer the following questions.

1. What is the quotient of 18 and 774?
2. What is the remainder when 893 is divided by 15?
3. By what must 864 be divided to leave 24?
4. Which number, when divided by 26, has a quotient of 15?
5. How many 14s are in 742?