8   How many weeks are there in 56 days?

     a   5
     b   6
     c   7
     d   8

9   Solve 6 + 2.72 + 0.08 − 1.4 =

     a   1.46
     b   7.4
     c   8.12
     d   10.2

10   A customer buys

         a packet of cookies that costs $0.55
         and a tube of toothpaste that costs $3.88

     How much change should the customer
     receive from $20?

     a $15.57
     b $15.67
     c $16.43
     d $16.67

11   What is 3.7 x 208?

     a   831.7
     b   769.6
     c   103.6
     d   43.68

12   A piece of wood is 2.75 m long.
     How many pieces 0.25 m long can be cut?

     a   11
     b   10
     c   9
     d   6

13   What is 0.3 x 0.7?

     a   21
     b   2.1
     c   0.21
     d   0.201

14 Find the total cost of 2.5 kg brown sugar at $1.90 per kg and 0.5 kg of cheese at $18.60 per kg.

    a $14.05
    b $20.50
    c $23.50
    d $61.50

15 A customer buys three packs of crackers that cost $0.77 each and a box of eggs that cost $4.19

She gives the shop assistant $10

How much change should she receive?

    a $3.14
    b $3.50
    c $3.70
    d $4.50

16 Solve $2\frac{1}{5} + 2\frac{2}{3} =$

    a $4\frac{3}{15}$

    b $4\frac{3}{8}$

    c $4\frac{13}{15}$

    d $5\frac{3}{8}$

17 Solve $3\frac{5}{6} - \frac{3}{4} =$

    a $3\frac{1}{12}$

    b $3\frac{1}{6}$

    c $3\frac{2}{10}$

    d   4

18 What is $2\frac{1}{3} - 1\frac{6}{7}$?

    a $\frac{2}{7}$

    b $\frac{10}{21}$

    c $1\frac{11}{21}$

    d $2\frac{1}{4}$

19 A property sells for one and a half million dollars.
    The three owners receive a third of the money each.

    How much money does each owner receive?

    a   \$333 000
    b   \$375 000
    c   \$450 000
    d   \$500 000

20 Solve $1\frac{3}{8} \div \frac{1}{4} =$

    a $\frac{11}{32}$

    b $2\frac{1}{2}$

    c $4\frac{3}{8}$

    d $5\frac{1}{2}$

21 Solve $\frac{3}{4} \times \frac{3}{4} =$

    a   1

    b $\frac{9}{16}$

    c $\frac{1}{2}$

    d $\frac{3}{16}$

22 A cook cuts meat pies into portions to sell.

She cuts small pies into halves and large pies into sixths.
She has five small pies and three and a half large pies.

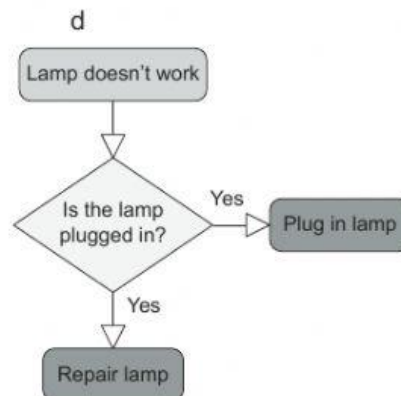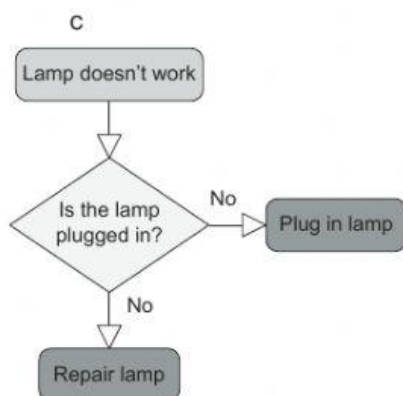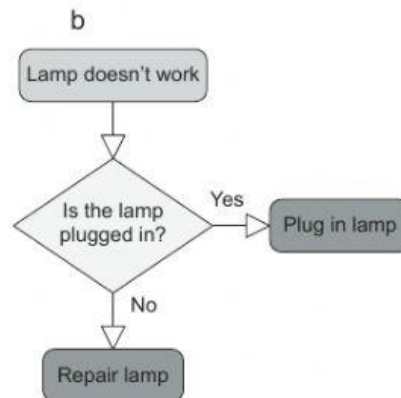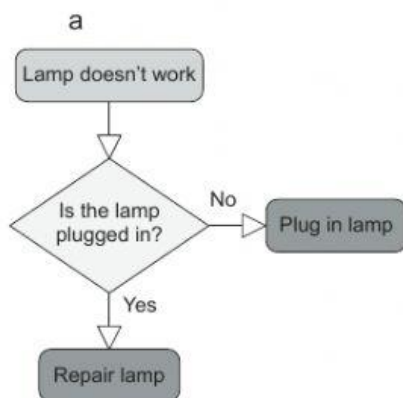How many portions does she have to sell?

a 5
b 6
c 28
d 31

23 Solve (16 + 7) x 4 =

a 44
b 71
c 92
d 368

24 An electrician needs to draw a flow chart to show
what to do when an electric lamp is not working.

The flow chart that shows this correctly is

a

Lamp doesn't work

Is the lamp plugged in? → No → Plug in lamp

Yes

Repair lamp

b

Lamp doesn't work

Is the lamp plugged in? → Yes → Plug in lamp

No

Repair lamp

c

Lamp doesn't work

Is the lamp plugged in? → No → Plug in lamp

No

Repair lamp

d

Lamp doesn't work

Is the lamp plugged in? → Yes → Plug in lamp

Yes

Repair lamp

25   Calculate 6% of 3 000

   a   180
   b   296
   c   500
   d   1 800

26   A sales person receives $14 000 a year.
     He gets a pay rise of 7% next year.

     How much is his pay rise?

   a $2 000
   b $1 820
   c $ 980
   d $ 700

27   Calculate the interest on a $5 000 loan for
     two years at 5% simple interest per year.

   a $250
   b $500
   c $512.50
   d $2 000

28   A machine has a principal cost of $200 000
     Simple depreciation is calculated at 20% per year.

     What is the value of the machine after
     two years simple depreciation?

   a $192 000
   b $160 000
   c $120 000
   d $40 000

29   What is 37% expressed as a decimal fraction?

   a   0.037
   b   0.37
   c   3.7
   d   37.00

30   Which of the following is closest to $\frac{1}{3}$?

   a   1.3
   b   0.13
   c   0.30
   d   0.333

31 A basket of fruit costs $68
    A customer has a choice of discount vouchers.

$\frac{1}{3}$ off	$10 off	10% off	$\frac{1}{4}$ off

Which discount voucher gives the cheapest price for the fruit?

a $\frac{1}{3}$ off

b $10 off

c   10% off

d $\frac{1}{4}$ off

32 On a map with a scale of 1:75 000 the distance between a hotel and the airport is 3 cm.

What is the actual distance in km?

a   2.25 km
b   2.5 km
c   22.5 km
d   25 km

33 A builder mixes cement with sand using a 1:6 ratio.

He uses 3 shovels of cement.

How many shovels of sand does he need?

a   2
b   3
c   8
d   18

34 A journey takes 3 hours at an average speed of 30 km/h.

How long will this journey take at 40 km/h?

a   4 hours
b   2 hours 25 minutes
c   2 hours 15 minutes
d   2 hours

35   A bottle of juice contains 75 cl.

      How much juice is there in 15 of these bottles?
      Give your answer to the nearest litre.

      a   20 litres
      b   11 litres
      c   5 litres
      d   1 litre

36   A shop assistant has a 5 m length of ribbon.
      She will use 25 cm to make one bow.

      What is the maximum number of bows she can make?

      a   5
      b   20
      c   125
      d   200

37   The time in Kingston, Jamaica is one hour behind New York, USA.

      When it is 11:30 pm in New York, what time is it in Kingston?

      a   12:30 am
      b   10:30 am
      c   10:30 pm
      d   12:30 pm

38   The table shows the top five islands for cell phone use in the Caribbean.

Rank	Island	Cell phone subscriptions (millions)	Population (millions of people)	Population with cell phone subscriptions
1	Dominican Republic	9.20	10.35	89%
2	Haiti	7.16	10.00	72%
3	Puerto Rico	3.09	3.62	85%
4	Jamaica	2.80	2.93	95%
5	Cuba	2.00	11.05	18%

      In which island does the largest proportion of people have a cell phone subscription?

      a   Dominican Republic
      b   Haiti
      c   Jamaica
      d   Cuba

39 The table shows the medals that 10 countries won at the World Championships in 2017.

Which country did **not** win any bronze medals?

Country	Gold Medals	Silver Medals	Bronze Medals
1 United States	10	11	9
2 Kenya	5	2	4
3 Great Britain and Northern Ireland	2	3	1
4 Poland	2	2	4
5 China	2	3	2
6 Germany	1	2	2
7 Ethiopia	2	3	0
8 France	3	0	2
9 Jamaica	1	0	3
10 South Africa	3	1	2

a   United States
b   Ethiopia
c   France
d   Jamaica
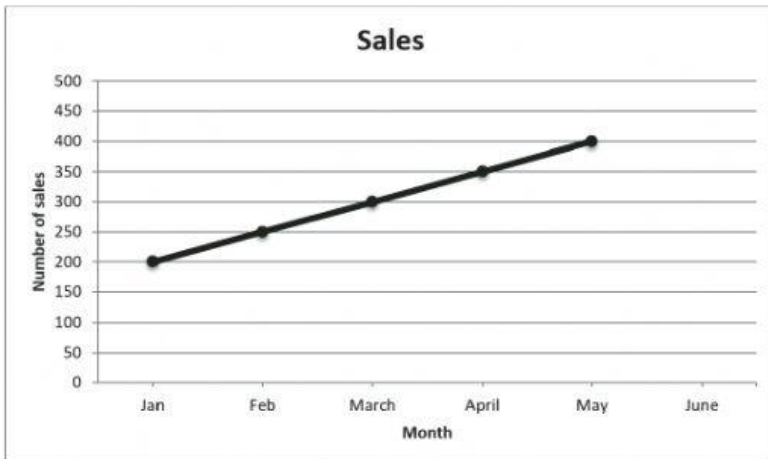
40 This stopwatch shows a winner's time in a 100 metre race.

How many seconds did the runner take?

a   12.2
b   11.8
c   11.4
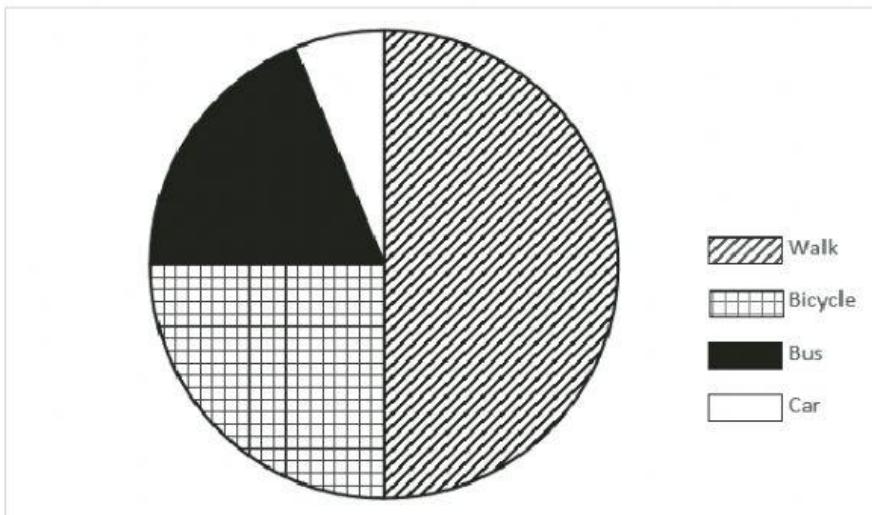d   10.9

41   The graph shows the number of kitchens sold each month this year.

Sales

Sales are expected to continue to grow at this rate.

How many sales are expected for June?

a   200
b   400
c   450
d   500

42   The pie chart shows the ways a group of pupils travel to school.

Walk
Bicycle
Bus
Car

80 pupils were asked how they travel to school.

How many **more** pupils walk than travel by bicycle?

a   5
b   20
c   25
d   35

11   See next page