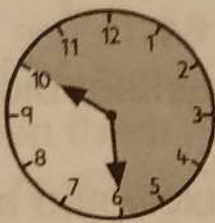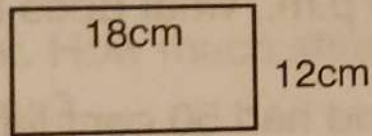# Test 34

1. A ___ (circumference, radius or diameter) divides a circle into two halves.

2. What is the sum of the first ten odd numbers?

3. How much for 125 cabbages at €10 per hundred?

4. Pour 50 millilitres, 1·2 litres and $\frac{3}{4}$ of a litre into a watering can. How much is in the can now?

5. What fraction of this shape is shaded?

6. What is the perimeter of a rectangle which measures 18cm by 12cm?

18cm
12cm

7. Write 1% as a decimal.

8. There are 20 tickets in a drum. Mary owns one of the tickets. What fraction of the chances has she of winning?

9. What is the next term: $\frac{5}{1}$, $\frac{10}{2}$, $\frac{15}{3}$, ___?

10. A youth works on a Saturday from 9 a.m. until 5.30 p.m.. If he is paid €5 per hour, how much does he earn for his day's work?

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

Score

21

Test 35

1. Write $\frac{1}{4}$ as a decimal.
2. A bag contains €10, made up of 10 cent coins and 5 cent coins. If there are eighty 10 cent coins, how many 5 cent coins are there?
3. What is the highest number that is a factor of both 45 and 72?
4. Write 0·7 of a kilometre as metres.
5. Pat is facing south. If he turns anti-clockwise through an angle of 270°, in what direction will he be facing?
6. What is the average weight of 3 children if their individual weights are 36kg, 29kg and 34kg?
7. The diameter of a circle is twice the length of the ___ (circumference, width or radius).
8. What is the area of this shape: 35cm², 75cm² or 100cm²?

10cm

10cm

5cm

5cm

9. Oliver sleeps from 10 p.m. until 8 a.m.. What fraction of a day does he spend asleep (in its lowest terms)?
10. Brian and Ciara shared a packet of 18 sweets between them. For every two sweets Brian got, Ciara got one. How many did Ciara get?
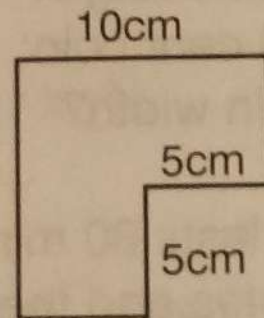
Answer

1.
2.
3.
4.
5.
6.
7.
8.
9.
10.

Score

Test 36

1. The diameter of a 5 cent coin is 21mm. What is the length of the radius?

2. Write $\frac{1}{4}$ as a percentage.

3. I bought 5 copies at 30 cent each and 5 copies at 20 cent each. What was the average price per copy?

4. Fill in the square root of 64. $\boxed{}^2 = 64$

5. What is the cost of 100 cement blocks at €400 per thousand?

6. One watch is 8 minutes slow and another is 8 minutes fast. If the first watch shows 9.15 p.m., what does the second watch show?

7. I spent 0·75 of my money and had 50 cent left. How much had I at first?

8. How many metres in 1·8km?

9. A car tank takes 50 litres of petrol. How much will a refill cost if petrol is 80 cent a litre?

10. A **multiple** of 3 is any number which has 3 as a factor. Which number in this set is not a multiple of 3: {3, 12, 36, 48, 81, 109}?

Answer

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

Score

22

Test 37

Answer

1. The 9th square number = 9^2 = ☐.
2. What is 5% of €100?
3. Write four multiples of 7.
4. The radius of a one-euro coin is 11·5mm. What length is the diameter?

5. $(29 \times 7) + (29 \times 3)$ = ☐
6. Twenty skipping ropes were bought at 90 cent each and then sold for €1 each. How much profit was made overall?
7. What is the cost of 200g of ham at €12 a kg?
8. What length is the sum of $1\frac{1}{2}$ m, 75cm and 0.25m?
9. 0·001 is $\frac{1}{1000}$. Write $\frac{7}{1000}$ as a decimal.
10. A notebook costs twice as much as a copy. If a notebook and a copy cost 60 cent, what is the price of a notebook?
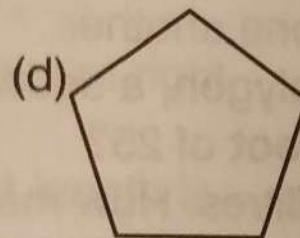
1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

Score

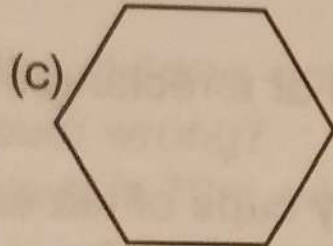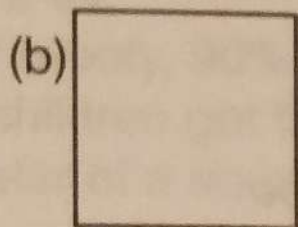# Test 38

1. Which of these regular polygons is a **pentagon**?

(a) (b) (c) (d)

1. ___

2. ___

3. ___
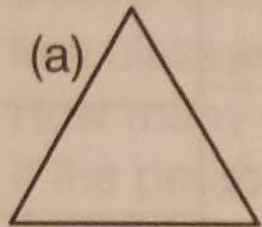
2. What is the **highest common factor** (HCF) of 24 and 40?

4. ___

3. Frances has a euro more than Fergus. Between them they have €4. How much has Frances (€1.50, €2 or €2.50)?

5. ___

4. What is 12% of €100?

6. ___

5. Mandarin oranges are 4 for 25 cent. How much should I pay for a bag which contains 28 oranges?

7. ___

6. Insert the decimal point so that the 8 has a value of eight thousandths: 3768

8. ___

7. 0·001 of a kilometre is 1 metre. 5 metres = 0·☐ km.

9. ___

8. What is the cost of 400g of putty at €3 a kg?

9. Find the average of 300m, $\frac{1}{2}$ km, 0·1km?

10. ___

10. What is the square root of 81? $☐^2 = 81$

Score ___

23