# Vocabulary Quiz

It's really important that you improve your vocabulary as much as possible before you enter Year 5. One of the best ways to do this is to **READ** (books, magazines, newspapers, etc) and **LOOK UP** any tricky words so that you learn their meanings.

Test the strength of your vocabulary by taking our short quiz below. First, fill in as many of the answers as you can **without** any help, then mark your score out of thirteen at the bottom. Once you've done that, you can go back and answer any questions you missed out with the help of a dictionary/parent/the internet.

Good luck!

1.  Circle the word below that is not a shade of pink.

    fushia          teal          magenta          cerise

2.  Write down 3 words that mean the same thing as 'delighted'.
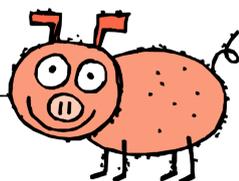
    a. _____          b. _____          c. _____

3.  Circle the odd word out below.

    praise          compliment          fault          flatter

4.  What is the definition of the word 'perplexed'?

    _____

5.  What is the definition of the word 'constantly'?

    _____

6.  What is an antonym (opposite word) of 'deny'?

    _____

# Vocabulary Quiz (Continued)

7.  Circle the word below that is not a type of tree.

     beech          acorn          sycamore          pine

8.  Write a sentence containing the word 'appropriate'.

     _____

9.  Circle the word below that is a synonym (has the same meaning) of 'reassure'.

     console          create          reply          divine

10. What is the definition of the word 'tranquil'?

     _____

11. Write down 3 words that have the same meaning as 'weep'.

     a. _____     b. _____     c. _____

12. Circle the word below that is not a type of precious stone.

     emerald          sapphire          garnet          periwinkle

13. Write a sentence that contains an antonym (opposite word) of 'insignificant'.

     _____

| Score |
| --- |
| /13 |

# Types of Triangle

We all know that triangles are shapes that have **three straight sides**, but did you know that there are **four** main types of triangle?

They are:

<div align="center">

**Equilateral Triangle**
**Right-Angled Triangle**
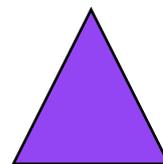**Isosceles Triangle**
**Scalene Triangle**

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> **Tip!**
>
> The three angles on ALL triangles always add up to 180°

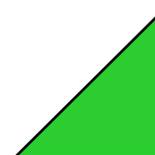Read the information below to find out the differences between the four types of triangle.

## Equilateral Triangle

All of the sides on an equilateral triangle are exactly the same length.
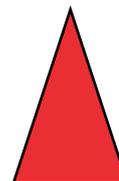The three angles of an equilateral triangle are all exactly the same (60°).

## Right-Angled Triangle

Right-Angled triangles always contain a right angle (90°).

## Isosceles Triangle

Isosceles traingles have TWO sides that are exactly the same length.
TWO of the angles on an isosceles triangle will be the same.

## Scalene Triangle

Scalene triangles have NO sides that are the same length, and NO equal angles.

## Questions

1.   Jenny draws a triangle. One of the angles measures 90°. What type of triangle is it?

     _____

2.   The triangle that Richard draws has two angles that both measure 80°, and another that measures 20°. What type of triangle is it?
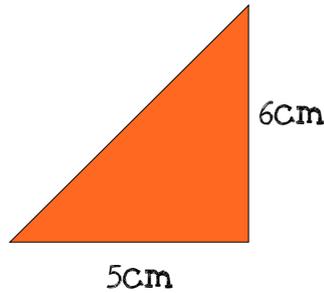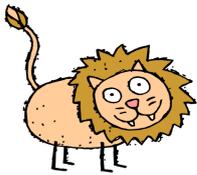
     _____

3.   None of the sides on Beth's triangle are the same length. What type of triangle is it?

     _____

# Finding the Area of a Triangle

Finding the area of a triangle might seem tricky at first, but it's quite simple once you've learned the rule below:

$$\text{Area of triangle} = (\text{base} \times \text{height}) \div 2$$

## Example

Find the area of the following triangle:

6cm

5cm

The base of this triangle is 5cm, and the height is 6cm. The first thing we need to do is to multiply these two numbers.

$$5 \times 6 = 30$$

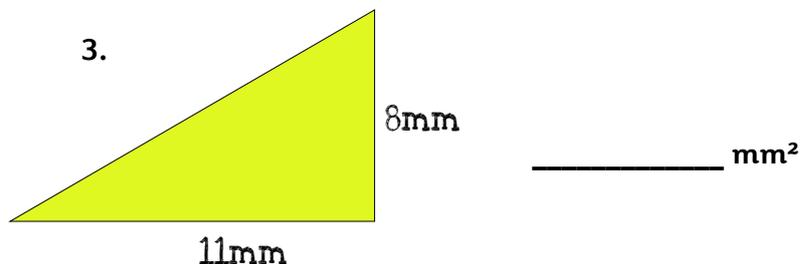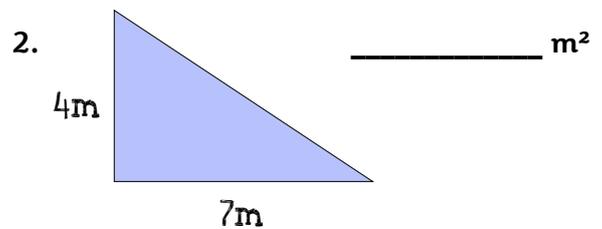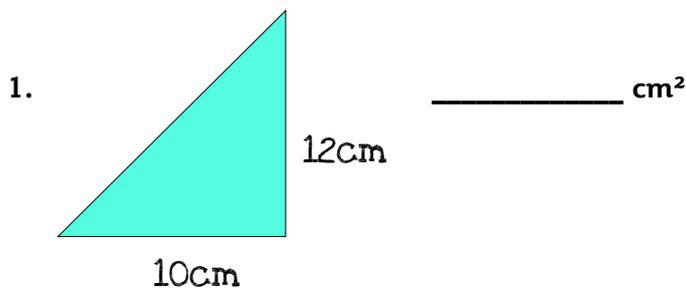Now we need to complete our final step, which is to divide 30 by 2.

$$30 \div 2 = 15$$

Therefore, the area of this triangle is <u>15cm$^2$</u>.

## Activity

Find the areas of the following triangles:

1.                                    _____ cm²

12cm

10cm

2.                                    _____ m²

4m

7m

3.

8mm

_____ mm²

11mm

# English Answers

## Vocabulary Quiz

**1.** teal, **2.** (examples only, answers may vary) thrilled, excited, pleased, overjoyed, **3.** fault, **4.** confused, **5.** (examples only, answers may vary) continually, steadily, without ending, **6.** admit, **7.** acorn, **8.** (example only, answer may vary) 'It was an <u>appropriate</u> time to stop for a break', **9.** console, **10.** (example only, answer may vary) calm and peaceful, **11.** (examples only, answers may vary) cry, sob, bawl, wail, **12.** periwinkle, **13.** (example only, answer may vary) 'Jeremy had been given an <u>important</u> role in the school play'

# Maths Answers

## Types of Triangle

**1.** Right-Angled Triangle, **2.** Isosceles Triangle, **3.** Scalene Triangle

## Finding the Area of a Triangle

**1.** 60cm², **2.** 14m², **3.** 44mm²