

# 11-Plus Maths Quiz

## Multiples

The times tables that you have learnt will help you in this multiples quiz. A 'multiple' is a number that can be divided exactly by another given number, e.g. 6 is a multiple of 3 because 3 divides 6 exactly two times. In addition, 3.4 is a multiple of 1.7 because 1.7 divides 3.4 exactly two times. In this quiz we shall only be dealing with whole numbers BUT it's a good idea to keep a lookout for multiples when you work with decimals.

It's a really easy quiz. Enjoy yourself!



**1. Which of the four choices is a multiple of ALL the numbers given?**

1, 2, 3, 4, 6

12

18

16

14

**2. Which of the four choices is a multiple of ALL the numbers given?**

2, 4, 6, 8

48

42

36

40

**3. Which of the four choices is a multiple of ALL the numbers given?**

3, 5, 7

35

15

105

21

**4. Which of the four choices is a multiple of ALL the numbers given?**

4, 8, 12, 16

36

48

72

64

**5. Which of the four choices is a multiple of ALL the numbers given?**

5, 15, 25

100

75

50

125

**6. Which of the four choices is a multiple of ALL the numbers given?**

2, 4, 7

8

28

24

14

**7. Which of the four choices is a multiple of ALL the numbers given?**

5, 10, 15, 25

105

125

50

150

**8. Which of the four choices is a multiple of ALL the numbers given?**

3, 4, 6, 8

24

28

26

32

**9. Which of the four choices is a multiple of ALL the numbers given?**

6, 8, 12

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42

60

36

**10. Which of the four choices is a multiple of ALL the numbers given?**

4, 16, 32

48

80

52

64

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*A good strategy is as follows: find a likely multiple and check to see if one of the given numbers DOESN'T divide it. If you can't find one, then that's your multiple. If you do find one, then that's NOT your multiple, e.g. 4 doesn't divide 14*

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