

Varied Fluency

Step 1: Multiples

National Curriculum Objectives:

Mathematics Year 5: (5C5a) [Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers](#)

Differentiation:

Developing Questions to support using multiples of 2, 3, 5 and 10.

Expected Questions to support using multiples of all numbers up to and including 12.

Greater Depth Questions to support using multiples of all numbers up to, including and beyond 12.

More [Year 5 and Year 6 Multiplication and Division](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Multiples

1a. Match the number to its multiple.

Number

10

3

2

Multiple

24

15

60



5 VF

Multiples

1b. Match the number to its multiple.

Number

5

2

3

Multiple

20

27

18



5 VF

2a. True or false?

28 is a multiple of 5.



5 VF

2b. True or false?

33 is a multiple of 3.



5 VF

3a. Complete the sequence of multiples.

6 10 12 16



5 VF

3b. Complete the sequence of multiples.

9 12 21 24



5 VF

4a. Fill in the table below with two possible multiples for each number.

Number	Multiples	
3		
2		
10		
5		



5 VF

4b. Fill in the table below with two possible multiples for each number.

Number	Multiples	
5		
2		
3		
10		



5 VF

Multiples

5a. Match the number to its multiple.

Number

Multiple

6

27

8

36

9

32



5 VF

Multiples

5b. Match the number to its multiple.

Number

Multiple

12

99

11

40

4

72



5 VF

6a. True or false?

81 is a multiple of 8.



5 VF

6b. True or false?

108 is a multiple of 12.



5 VF

7a. Complete the sequence of multiples.

42 56 63



5 VF

7b. Complete the sequence of multiples.

36 48 84



5 VF

8a. Fill in the table below with two possible multiples for each number.

Number	Multiples	
7		
9		
12		
6		



5 VF

8b. Fill in the table below with two possible multiples for each number.

Number	Multiples	
8		
11		
4		
9		



5 VF

Multiples

9a. Match the number to its multiple.

Number

6

8

7

Multiple

78

98

104



5 VF

Multiples

9b. Match the number to its multiple.

Number

13

11

9

Multiple

165

78

135



5 VF

10a. True or false?

156 is a multiple of 12.



5 VF

10b. True or false?

155 is a multiple of 11.



5 VF

11a. Complete the sequence of multiples.

90 108 135



5 VF

11b. Complete the sequence of multiples.

108 144 168



5 VF

12a. Fill in the table below.

Number	x 13	x 14
7		
9		
12		
6		



5 VF

12b. Fill in the table below.

Number	x 14	x 15
8		
11		
4		
9		



5 VF

Varied Fluency Multiples

Developing

- 1a. 10 and 60; 3 and 15; 2 and 24
- 2a. False
- 3a. 8; 14; 18
- 4a. Various answers, for example: 9 and 15 (3); 4 and 12 (2); 40 and 60 (10); 15 and 30 (5)

Expected

- 5a. 6 and 36; 8 and 32; 9 and 27
- 6a. False
- 7a. 49; 70; 77; 84
- 8a. Various answers, for example: 28 and 63 (7); 81 and 99 (9); 24 and 48 (12); 42 and 54 (6)

Greater Depth

- 9a. 6 and 78; 8 and 104; 7 and 98
- 10a. True
- 11a. 99; 117; 126; 144
- 12a. 91, 98 (7); 117, 126 (9); 156, 168 (12); 78, 84 (6)

Varied Fluency Multiples

Developing

- 1b. 5 and 20; 2 and 18; 3 and 27
- 2b. True
- 3b. 15; 18; 27
- 4b. Various answers, for example: 45 and 50 (5); 12 and 22 (2); 18 and 21 (3); 20 and 70 (10)

Expected

- 5b. 12 and 72; 11 and 99; 4 and 40
- 6b. True
- 7b. 60; 72; 96; 108
- 8b. Various answers, for example: 16 and 32 (8); 77 and 110 (11); 32 and 40 (4); 27 and 72 (9)

Greater Depth

- 9b. 13 and 78; 11 and 165; 9 and 135
- 10b. False
- 11b. 120; 132; 156; 180
- 12b. 112, 120 (8); 154, 165 (11); 56, 60 (4); 126, 135 (9)