

* CRANKY CARROT *

Grade 4 - Cranky Carrot - Factors & Multiples Worksheet

Aligned to CCSS 4.OA.B.4 - DOK 1-3 - Free from MySchoolHero.com

Name: _____

Date: _____

1. Multiples of 3

Circle the multiples:

9, 14, 21, 25, 30

DOK 1

2. Multiples of 6

Circle the multiples:

16, 18, 24, 34, 42

DOK 1

3. Factors of 20

Circle the factors:

3, 4, 5, 8, 10

DOK 1

4. Factors of 24

Circle the factors:

6, 7, 8, 9, 12

DOK 1

5. Prime or composite?

17 = _____

21 = _____

29 = _____

DOK 1

6. Factor pairs of 18

1 x _____

2 x _____

3 x _____

DOK 1

7. Both at once!

Write a number that is a
multiple of 5 AND a
factor of 30:

DOK 2

8. Odd one out

Which one is NOT a
factor of 36?

4, 6, 8, 9

DOK 2

9. Fix the mistake

Sam says 51 is prime.

Sam is wrong. Write a
factor of 51 that is not
1 or 51: _____

DOK 2

10. Carrot rows

28 carrots in equal rows.

Show 2 ways:

_____ x _____

_____ x _____

DOK 2

11. Always or never?

Every multiple of 6 is
also a multiple of 3.

ALWAYS or NEVER? _____

Why? _____

DOK 3

12. Explain your thinking!

Why is 1 NOT a prime
number?

DOK 3

ANSWER KEY

1. 9, 21, 30 · 2. 18, 24, 42 · 3. 4, 5, 10 · 4. 6, 8, 12 · 5. prime, composite, prime · 6. 18, 9, 6 · 7. 5, 10, 15 or 30 · 8. 8 · 9. 3 or 17 · 10. any of 1x28, 2x14, 4x7 · 11. ALWAYS - 3 is a factor of 6, so every multiple of 6 already has 3 in it · 12. 1 has only ONE factor (itself); a prime has exactly TWO.



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