

* PRIME TIME! *

Grade 4 - Prime Time - Prime & Composite Worksheet

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

Name: _____

Date: _____

1. Prime or composite?

5 -> P / C

16 -> P / C

23 -> P / C

DOK 1

2. More numbers!

33 -> P / C

29 -> P / C

18 -> P / C

DOK 1

3. List the factors!

Factors of 10:

Factors of 9: _____

DOK 1

4. Factor pairs!

18 = 1 x _____ = 2 x _____

= 3 x _____

DOK 2

5. Circle the primes!

3 6 13 15

19 21 27 31

DOK 1

6. Primes to 20!

List all primes between
10 and 20:

DOK 1

7. Multiple check!

Is 36 a multiple of 9? _____

Is 28 a multiple of 6? _____

Is 45 a multiple of 5? _____

DOK 2

8. True or false?

21 is prime. T / F

31 is prime. T / F

39 is prime. T / F

DOK 2

9. Missing factor!

4 x _____ = 36

_____ x 6 = 54

7 x _____ = 49

DOK 2

10. Fix the mistake!

Ivy says 51 is prime.

Right or wrong? _____

Because $51 = 3 \times$ _____

DOK 3

11. Always or never?

2 x a prime is composite:

ALWAYS / NEVER

Odd numbers are prime:

ALWAYS / NEVER

DOK 3

12. Explain it!

Why is 2 the only even
prime? Write or draw.

DOK 3

ANSWER KEY

1. P, C, P 2. C, P, C 3. 1 2 5 10; 1 3 9 4. 18, 9, 6 5. 3, 13, 19, 31 6. 11, 13, 17, 19

7. yes, no, yes 8. F, T, F 9. 9, 9, 7 10. wrong, 17 11. ALWAYS, NEVER 12. check explanation



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