

PRIME NUMBERS

NO PREP PRACTICE

CROSS IT OUT!

Name _____ Date _____

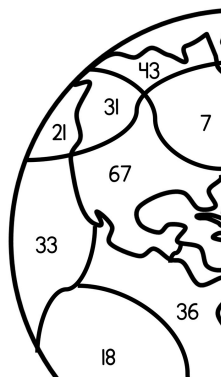
Directions: Cross out any numbers that are NOT prime (composite). Remember, if it is divisible by any number except 1 and itself, it is NOT prime. Color in the remaining boxes yellow. These are your PRIME numbers!

1	2	3	4	5
11	12	13	14	15
21	22	23	24	25
31	32	33	34	35
41	42	43	44	45
51	52	53	54	55
61	62	63	64	65
71	72	73	74	75
81	82	83	84	85
91	92	93	94	95

PRIME PICTURE

Name _____

Directions: Circle all the prime numbers green. Color all other sections blue. Write a picture of a beautiful place!



Factor It, Label It!

Name _____

Directions: List all the factors for each number. Then, label it with the correct prime or composite labeling. You should have exactly 9 prime clouds green and the composite clouds orange.

WHAT I

PRIME PUZZLE

Name _____

Directions: Circle all the prime numbers in the puzzle green. Color all other sections blue. When you are done, you will have a picture of a beautiful place!

21 31 43 7 5 49 67 29 6 33 11 36 13 18 12 40

Crayon Crayon

PRIME

Name _____


Directions: Help the bee find the path leading to the PRIME, color the spot green. Color all other spots orange. When you are done, you will have a picture of a beautiful place!

8 7 20 11 10 2 14 32 15 28

PRIME NUMBER PA

Name _____ Date _____

Directions: Help the butterfly find its way to the flowers! If a nu
 PRIME, color the spot green. If the number is COMPOSITE, col
 spot orange. When you are finished, the butterfly will see a g
 path leading it to the flowers.




9 25
 8 12 21 3 53
 7 20 30 29
 11 43 17 16
 10 2 6 80 55
 14 32 40 43 18
 15 96 16 23
 28 42 12 13

I am a number greater than 10. I am a composite number. What is the number?

I am a number less than 10. I am a prime number. What is the number?

I am a number greater than 10. I am a composite number. What is the number?

I am a number less than 10. I am a prime number. What is the number?



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WHAT NUMBER AM I?

Name _____ Date _____

Directions: Use the clues to solve each riddle. Then, draw a line from the riddle to its answer.

I am a composite number. I am greater than 10, but less than 20. I am divisible by 2 and 7. What number am I?

I am a prime number. I am less than 30. I am a factor of 42. I am not the number 3. What number am I?

I am a prime number. I am greater than 21, but less than 40. I am the sum of 20 and 11. What number am I?

I am a composite number. I am greater than 10, but less than 60. I am divisible by 5 and also by 10. My first digit is a 4. What number am I?

I am a prime number. I am greater than 46, but less than 75. My 2 digits are in consecutive order. What number am I?

67

22


40

14

31

41

7



PRINT & GO!

5 PRINT & GO ACTIVITIES

CROSS IT OUT!

Name _____ Date _____

Directions: Cross out any numbers that are NOT prime (composite). Remember, if it is divisible by any number except 1 and itself, it is NOT prime. Color in the remaining boxes yellow. These are your PRIME numbers!

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33							
41	42	43							
51	52	53							
61	62	63							
71	72	73							
81	82	83							
91	92	93							

Factor It, Label It

Name _____ Date _____

Directions: List all the factors for each number. Then, label it as PRIME or COMPOSITE. If you are finished labeling, you should have exactly 9 prime and 9 composite numbers. Color the prime clouds green and the composite clouds orange.

Example: 10: 1, 2, 5, 10 Composite

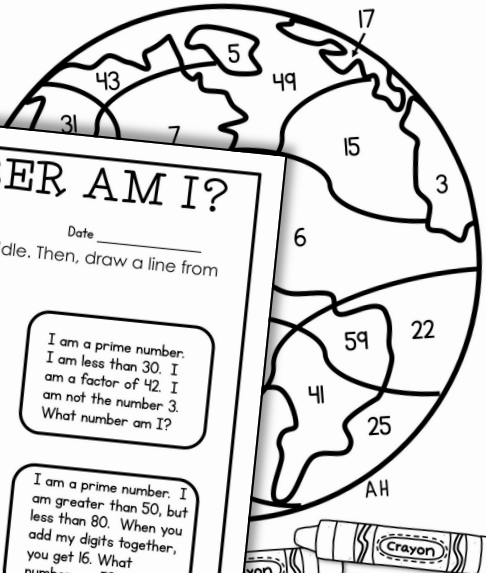
Example: 17: 1, 17 prime

15: _____ 20: _____

PRIME PUZZLE

Name _____ Date _____

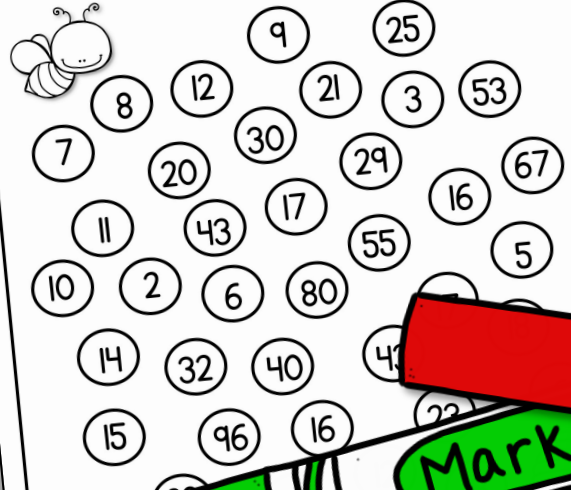
Directions: Circle all the prime numbers in the puzzle. Then, color those pieces green. Color all other sections blue. When you are finished, you should have a picture of a beautiful place!



PRIME NUMBER PATH

Name _____ Date _____

Directions: Help the butterfly find its way to the flowers! If a number is PRIME, color the spot green. If the number is COMPOSITE, color the spot orange. When you are finished, the butterfly will see a green path leading it to the flowers.



WHAT NUMBER AM I?

Name _____ Date _____

Directions: Use the clues to solve each riddle. Then, draw a line from the riddle to its answer.

I am a composite number. I am greater than 10, but less than 20. I am divisible by 2 and 7. What number am I?

67

I am a prime number. I am greater than 21, but less than 40. I am the sum of 20 and 11. What number am I?

22

I am a composite number. I am greater than 10, but less than 60. I am divisible by 5 and also by 10. My tens digit is 7. What number am I?

40

I am a prime number. I am greater than 50, but less than 80. When you add my digits together, you get 16. What number am I?

14

I am a composite number. I am greater than 15, but less than 30. I have exactly 4 factors, and 11 is one of them. What number am I?

31

I am a prime number. I am less than 30. I am a factor of 42. I am not the number 3. What number am I?

7

I am a composite number. I am greater than 45, but less than 75. The sum of my digits is 5. What number am I?

79

ANSWER KEYS INCLUDED!