

STUDENT PACKET

Prime Numbers

Name:

Date:

REVIEW 4 YOU	TODAY'S TASK

LESSON NOTES

HANDS-ON	OPEN-ENDED	PRACTICE
<ul style="list-style-type: none">○ On-Task○ Worked Quietly○ Actively Participated○ Kept Workspace Neat <p>Goal for Next Time:</p>	<ul style="list-style-type: none">○ On-Task○ Worked Quietly○ Completed all components of Open –Ended response○ Followed Writing Conventions○ Solved problem accurately <p>Goal for Next Time:</p>	<ul style="list-style-type: none">○ On-Task○ Worked Quietly○ Followed Tiered Assignment Directions○ Followed Self-Checking Directions <p>Goal for Next Time:</p>

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OPEN-ENDED

Michael is assigning numbers for a game he is playing with his friends. If he gives out the numbers 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, how many of his friends have prime numbers that are even? How many of his friends have prime numbers that are odd? Is there a greater number of friends with prime numbers or composite numbers?

WORK	EXPLANATION
N U M B E R S L A B E L S	To figure out... (restate the question) I know... (tell what you know about solving the problem and what you did in the WORK section) Therefore... (restate the question and give the answer)

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DIRECTIONS: Try the first two problems in each section. Check the answer key. If both answers are correct skip to the next section. If one or both are incorrect, use the answer to find the mistake and complete the rest of the section.

TIERED PRACTICE

Complete Eratosthenes's Sieve

PURPLE PRIME

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	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Directions

1. Shade in the prime number 2 purple. Then shade all of the multiples of 2 red.
2. Shade in the prime number 3 purple. Then shade all of the multiples of 3 green.
3. Shade in the prime number 5 purple. Then shade all of the multiples of 5 yellow.
4. All of the numbers left are prime numbers. Shade these all purple.

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WRAP - UP

FOUR CORNERS

TAKE YOUR ASSIGNED NUMBER TO THE ASSIGNED CORNER OF THE CLASS.

2	3	4	5
6	7	8	9
10	11	12	13
14	15	16	17
18	19	20	21