

Name:	Date:
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Jose is playing the Name That Number game. His five cards and the target number are shown below.

10

5

3

16

2

Target Number

16

- Write down different mathematical expressions Jose could use to make 16 using any of the five cards he has.
- Complete the table by listing the cards used and the points earned.

Cards Used	Mathematical Expression	Points

Name: ANSWER KEY

Date:

Jose is playing the Name That Number game. His five cards and the target number are shown below.

Target Number

10	5	3	16	2		16
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- Write down different mathematical expressions Jose could use to make 16 using any of the five cards he has. *Answers will vary.*

Cards Used	Mathematical Expression	Points
16	16	1
10, 3, 2	$10 + (3 \times 2)$	3
5, 3, 16, 2	$16 + 3 + 2 - 5$	4
10, 5, 3, 2	$10 + 5 + 3 - 2$	4
10, 5, 3, 2	$(10 - 2) \times (5 - 3)$	4
5, 3, 16, 2	$(5 + 3) + (16 / 2)$	4
10, 5, 16, 2	$16 + (10 / 2) - 5$	4
10, 5, 3, 16, 2	$(16 / 2) + 10 - 5 + 3$	5
10, 5, 3, 16, 2	$16 + 10 - 5 - 3 - 2$	5