3rd Grade: Unit 9 Pre-Test

Which equation(s) have a product greater than 300?			3.NBT.3
1)	40 x 9 =	Yes	No
2)	70 x 2 =	Yes	No
3)	3 x 80 =	Yes	No

4) How much do three 50-pound dogs weigh?	3.OA.3/3.NBT.3
Show your work.	
	pounds

5) Valerie has 6 packages of index cards. There are 80 index cards in each package. She knows that 6 x 8 = 48.

Explain how Valerie can use what she knows to find the solution. 3.NBT.3

Jeff has 6 bags of ice. Each bag weighs 3 pounds. How many pounds does Jeff havealtogether?3.0A.3/3.0A.5/3.0A.7

6)	3 x 6	Yes	No
7)	3 + 3 + 3 + 3 + 3	Yes	No
8)	(3 x 2) + (3 x 4)	Yes	No

9) Erin read 3 times as many books as Colin. Colin read 7 books. How many books did Erin read? 3.0A.3/3.0A.7

Show your work.		
	Erin read	books.

10) Write a related multiplication fact for $72 \div 8 = 9$.	3.OA.7
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Which rectangle(s) have an area of 36 squared units?

3.MD.5/3.MD.7



14) Find the area of a porch 15 feet long and 9 feet wide. Use the area model to help you solve. 3.MD.7/3.OA.5



The area is _____ feet²

Jasmin and Hassan each use unit squares to tile a piece of paper. Their work is shown below.



Hassan's Array





16) What is the area of the piece of paper? Explain your strategy for finding the area.

3.MD.7