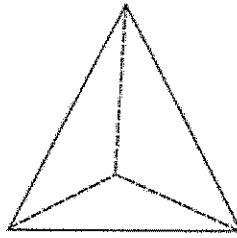


(Recommended points)

Second Grade – Unit 5 PRE-Test

What is true about this pyramid?

2.G.1



- 1pt 1) It has 3 edges.  
1pt 2) It has 4 vertices.  
1pt 3) It has 5 faces.

Yes  
Yes  
Yes

No  
No  
No

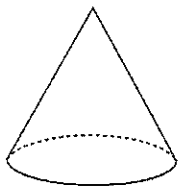
4) Look at the chart. Fill in the missing boxes. (4pts)

2.G.1

Name of Shape	Picture	Number of Sides	Number of Corners
(1) Pentagon		5	5
(1) Square		4	4
(1) Circle		0	0
(1) Triangle		3	3

What is the name of this shape?

2.G.1



1pt 5) cone

6) Write one attribute of this shape. (Ans vary)

2pt

A cone has a circular base and  
a point (vertex) at the top.

In which ways can you break apart one or both numbers to find the sum of  $46 + 25$ ? 2.NBT.5

1pt 7)  $40 + 20 + 11$

Yes

No

1pt 8)  $40 + 6 + 20 + 5$

Yes

No

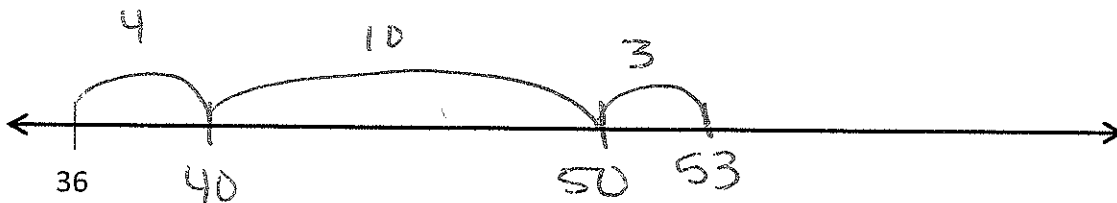
1pt 9)  $46 + 20 + 4$

Yes

No

10) Find the sum. Show how you added on the open number line. 2.NBT.5

1pt  $36 + 17 = \boxed{53}$



11) Break apart both numbers to make them easier to subtract. Write the difference of the numbers in the circle. 2.NBT.5

1pt 
$$\begin{array}{c} 56 \\ \swarrow \downarrow \\ \boxed{40} \quad \boxed{16} \end{array} - \begin{array}{c} 28 \\ \swarrow \downarrow \\ \boxed{20} \quad \boxed{8} \end{array} = \bigcirc 28$$

2pt 12) Explain your strategy.

I broke apart (decomposed) 56 into 4 tens  
and 16 ones so that I had enough ones  
to subtract 8.

Which addition problem(s) have a sum of 18?

2.OA.2

1pt 13)  $12 + 7$

Yes

No

1pt 14)  $15 + 3$

Yes

No

1pt 15)  $9 + 9$

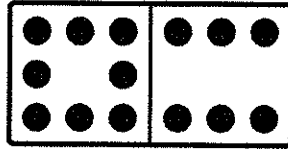
Yes

No

16) Write the fact family.

2.OA.2

1pt



$$8 + 6 = 14$$

$$6 + 8 = 14$$

$$14 - 8 = 6$$

$$14 - 6 = 8$$

Julie scored 6 points for her basketball team in October and 8 points in November. She said she scored 14 points in both months because  $6 + 6 = 12$  and 2 more is 14. Is Julie correct? Explain using pictures and words.

2.OA.2

1pt 17)

Picture:

$$\begin{array}{r} 6 + 8 \\ \wedge \\ 6 \quad 2 \end{array}$$

or



$$6 + 6 = 12$$

$$12 + 2 = 14$$

$$\begin{array}{r} 6 + 6 = 12 \\ + 2 \\ \hline 14 \end{array}$$

2pt 18) Explain your picture. Julie is correct. I broke apart  
(decomposed) 8 into 6 and 2.

$$6 + 6 = 12 \text{ and } 2 \text{ more is } 14;$$