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### NCTM Standards (National Council of Teachers of Mathematics)

|                               |                                                                                                                                                                             |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Number and Operations         | 3, 6, 9, 12, 16, 17, 21, 24, 28, 31, 35, 36, 38, 40, 43, 46, 49, 53, 57, 61, 64, 67, 72, 76, 81, 84, 86, 93, 98, 103, 108, 112, 116, 118, 119, 124, 130, 135, 142, 143, 146 |
| Algebra                       | 5, 13, 22, 25, 29, 42, 50, 54, 58, 65, 70, 73, 77, 82, 90, 94, 99, 104, 113, 117, 120, 125, 131, 136, 139, 152                                                              |
| Geometry                      | 2, 7, 11, 15, 18, 23, 26, 30, 32, 33, 37, 44, 48, 55, 59, 62, 66, 68, 74, 78, 83, 88, 95, 100, 105, 115, 121, 127, 132, 144, 149                                            |
| Measurement                   | 1, 8, 14, 19, 39, 41, 47, 51, 56, 63, 69, 75, 79, 89, 91, 92, 96, 101, 106, 109, 110, 114, 118, 122, 128, 134, 138, 140, 148, 151                                           |
| Data Analysis and Probability | 4, 10, 20, 27, 34, 45, 52, 60, 71, 80, 85, 87, 97, 102, 107, 111, 123, 126, 129, 133, 137, 141, 145, 147, 150                                                               |

## ANSWERS..... 39

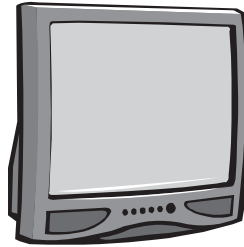
# Complete Each Math Analogy



1)

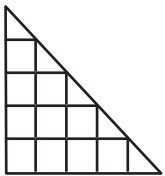


: gram ::

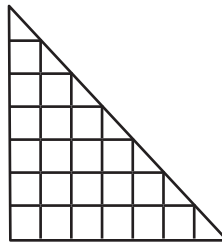


:

2)



: 12.5 square units ::



:

3)

69 : 96 :: 81 :

4)

red  
and  
yellow

: orange ::

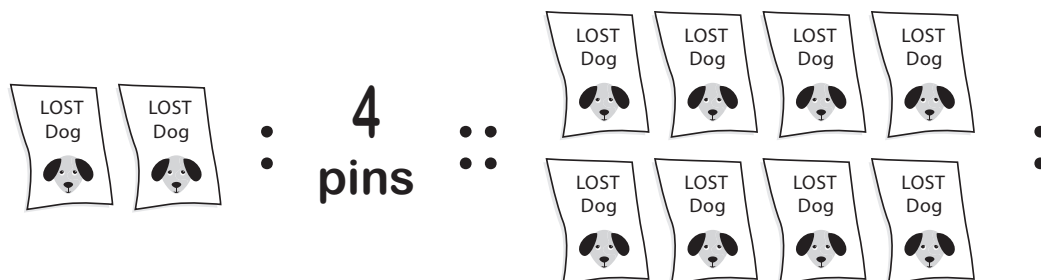
red  
and  
blue

:



# Complete Each Math Analogy

5)



6)

2,000,000 :  $\begin{matrix} 4,000,000 \\ 6,000,000 \\ 8,000,000 \end{matrix}$  :: 4,000,000 :

7)



8)

dinner : leftovers :: payment :