Chapter 8: Addition (2-digit within 100)

i.   Add a two-digit and a one-digit number

1. 23 + 7 =   5. 27 + 7 =

2. 35 + 5 =   6. 34 + 8 =

3. 46 + 4 =   7. 96 + 3 =

4. 79 + 9 =   8. 67 + 6 =

ii.   Add a two-digit number and tens

1. 26 + 10 =   4. 44 + 20 =

2. 35 + 30 =   5. 62 + 30 =

3. 17 + 80 =   6. 59 + 40 =

iii. Add two-digit numbers

A)   B)

        2 6   3 6

    +   1 4   +   1 9
    _____   _____

C)   D)

        3 6   4 4

    +   1 9   +   4 4
    _____   _____

E)

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    6  6
+      2  2
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F)

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    6  5
+      3  5
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iv.   Add two-digit numbers and one-digit numbers

1. 31 + 9 + 5 =

2. 23 + 7 + 19 =

3. 40 + 2 + 16 =

4. 6 + 70 + 8 =

5. 18 + 11 + 5 =

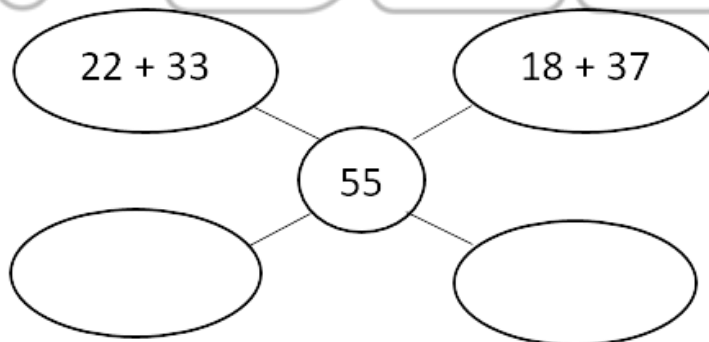6. 7 + 3 + 28 =

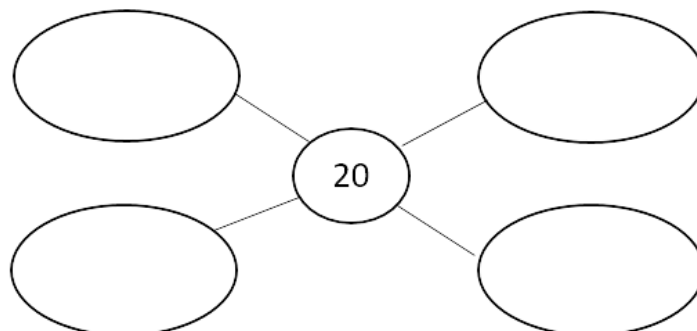7. 2 + 43 + 4 =

8. 55 + 7 + 9 =

v.   Ways to make a number with additions (two-digit numbers)
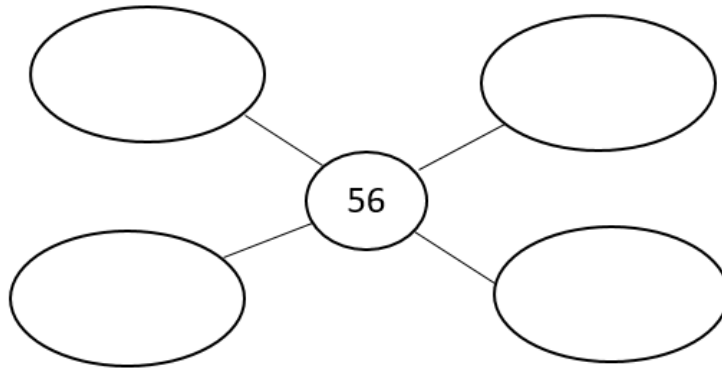
A)

22 + 33   18 + 37

55

B)

20

C)

vi.   Make an addition equation for each question below.

1. Tom has 12 apples and Jennifer has 57 oranges. In total, how many fruits do both of them have?

_____

2. There are 35 boys and 26 girls in the math class. How many students are there in total?

_____

3. During Ali's birthday, he received thirteen bars of chocolates from Thomas, one book from Jennifer and seventeen pencils from Mary. How many presents did Ali receive in total?

_____

vii. Balance the addition equations.

A) $23 + 1 = 20 + \boxed{}$

B) $34 + 5 = 24 + \boxed{}$

C) $36 + \boxed{} = 13 + 37$

D) $22 + \boxed{} = 66 + 33$

E) $34 + 23 + \boxed{} = 12 + 36$

F) $27 + 31 = \boxed{} + 8 + 23$

G) $\boxed{} + 15 + 22 = 56 + 23$

H) $\boxed{} + 65 + 12 = 62 + 15$

viii. Choose the correct answer.

1. Which of the following can make 98?

   A. 93+5   B. 25+67   C. 80+9   D. 89+0

2. Amy has seventy blue pens. She buys twelve more red pens and sixteen more black pens at the stationery store. Which of the following equations shows the total number of pens she has?

   A. 17 + 12 + 6 = 35
   B. 70 + 2 + 16 = 88
   C. 70 + 12 + 16 = 98
   D. 17 + 2 + 6 = 25

3. Which of the following is true?
   A. 32 + 6 = 23 + 9
   B. 55 + 22 = 25 + 52
   C. 17 + 4 = 14 + 7
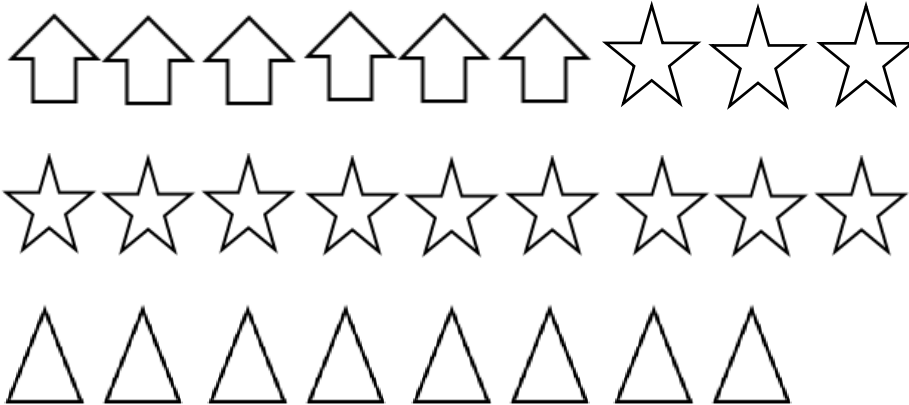   D. 69 + 12 = 56 + 21

4. Which of the following equations is wrong?

   A. 33 + 21 = 64

   B. 12 + 88 = 100

   C. 45 + 15 = 60

   D. 75 + 12 = 87

5.

Which of the following addition equations matches the picture?

A. 6 + 10 + 8 = 24

B. 6 + 12 + 8 = 26

C. 6 + 11 + 9 = 26

D. 6 + 13 + 7 = 26