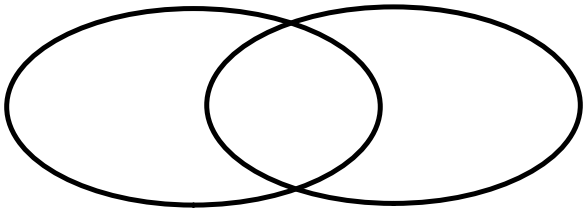
1) 10 + 68
2) 47 - 14
3) ½ 0f 78
4) 10 000 ÷ 10
5) 55 ÷ 5
6) 84 X 10
7) 120 X 2
8) 10 X 25
9) 606 ÷ 2
10) 500 ÷25



by 5

not by 6

by 5

not by 5

by 6

by 6

Venn Diagram

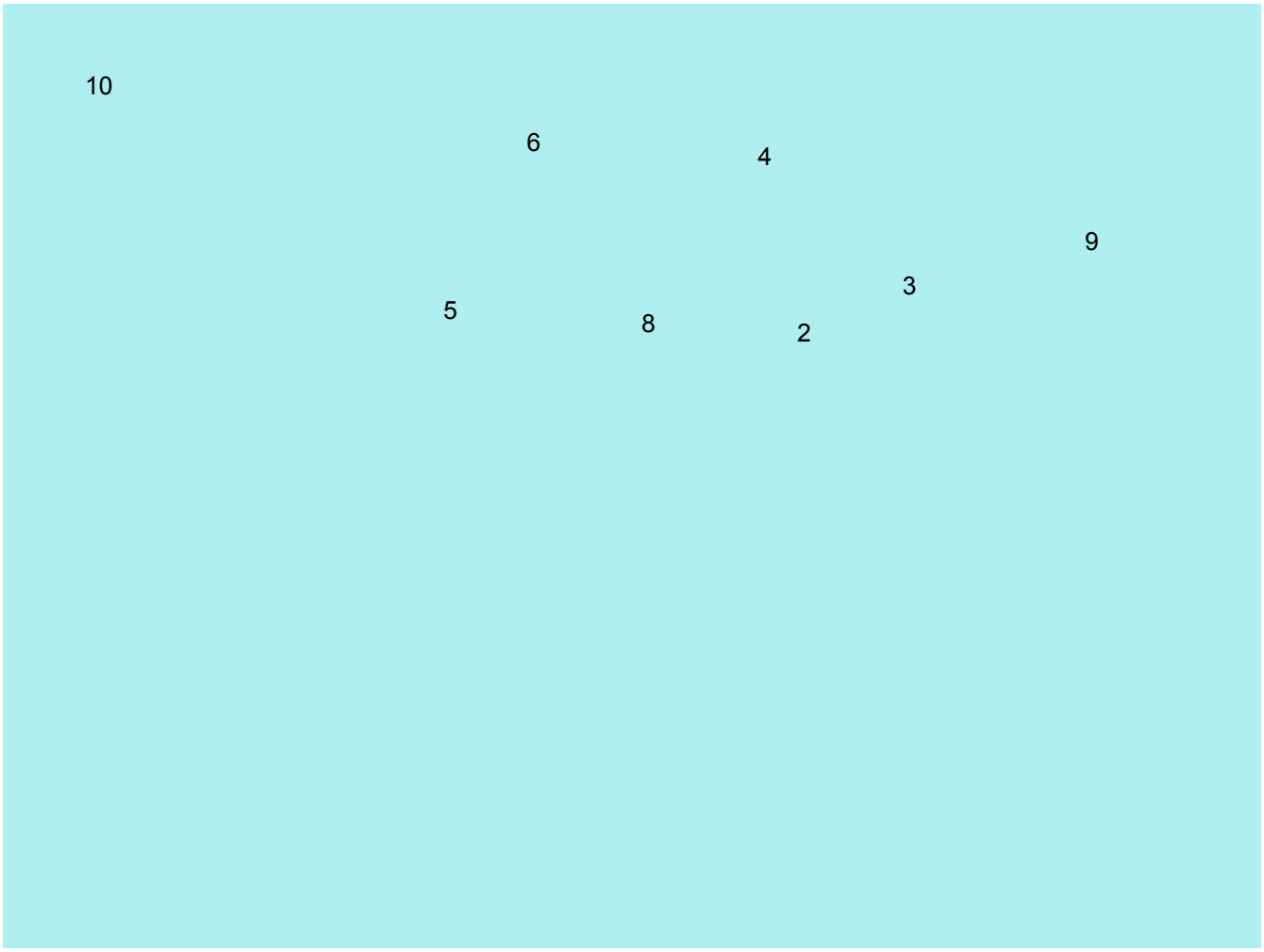
Carroll Diagram

90 100 24 120

15 25 21 14

30 60 35 18

©Teaching Ideas


10
6
4
9
3
5
8
2

Check work so far...

2. Write 3 numbers that are divisible by 6. How did you choose the numbers?

3. Which of these numbers is 229 344 divisible by? How do you know?
a) 2 b) 3 c) 4 d) 5 e) 6 f) 8 g) 9 h) 10

4. Use the divisibility rules to find the factors of each number.
How do you know you have found all the factors?
a) 150 b) 95 c) 117 d) 80

5. Use a Carroll diagram.
Which numbers are divisible by 4? By 9? By 4 and by 9? By neither 4 or 9?
144 128 252 153 235 68 120 361 424 468

7. Assessment Focus

a) Write a 3-digit number that is divisible by 5 and by 9.
How did you choose the number?

b) Find the factors of the number in part a. Use the divisibility rules to help you.

c) How would you find the greatest 3-digit number that is divisible by 5 and by 9? The least 3-digit number? Explain your methods.

Complete worksheet and assigned questions.

Divisibility Test tomorrow!!!