

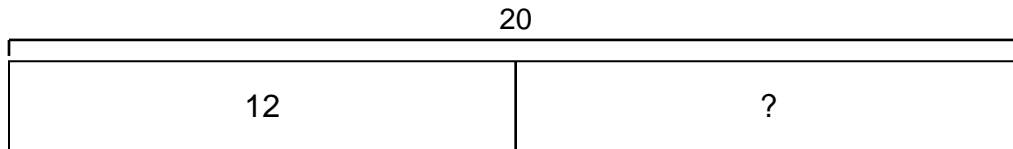
Tape Diagram Word Problems Worksheet - Answer Key

2nd Grade - part-part-whole tape diagrams | 14 minutes

Use each tape diagram to find the missing number. The number above the bar is the whole; the pieces are the parts.

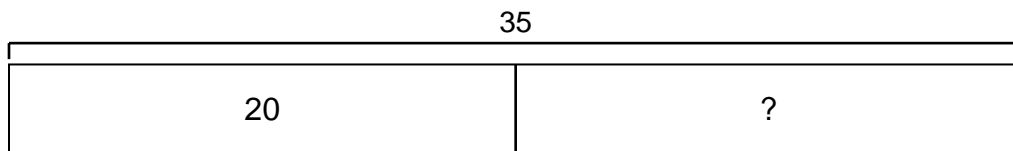
Example: Whole 20, parts 12 and ?: $20 - 12 = 8$.

1. Maya read 12 pages, then some more, for 20 pages in all. Find the missing part.



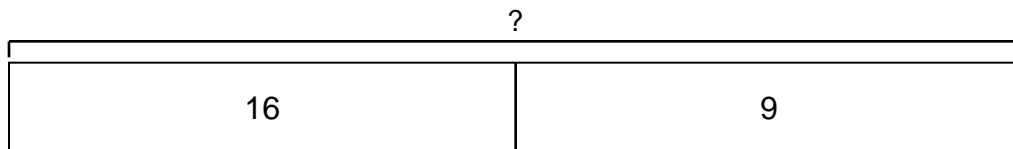
Answer: $20 - 12 = 8$ pages

2. There are 35 crayons in all. 20 are red and the rest are blue. How many are blue?



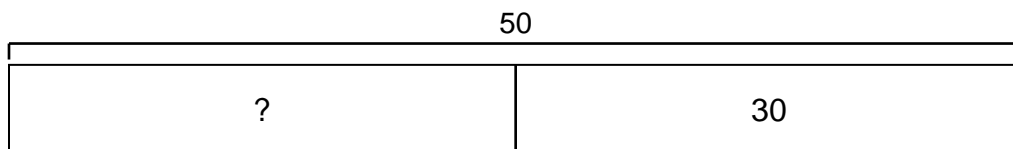
Answer: $35 - 20 = 15$ blue

3. A team scored 16 points, then 9 more. Find the whole.



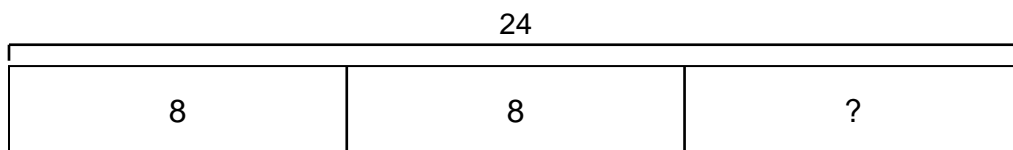
Answer: $16 + 9 = 25$ points

4. There are 50 books on two shelves. One shelf has 30. How many on the other?



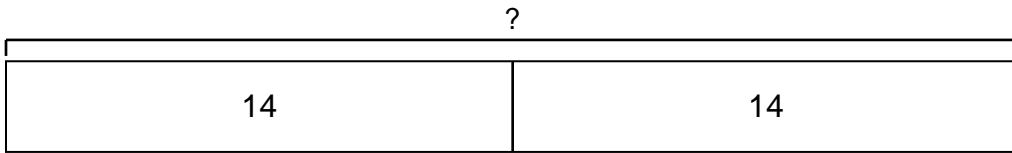
Answer: $50 - 30 = 20$ books

5. A bag holds 24 marbles in three equal-looking groups of 8, 8, and ?. Find the missing part.



Answer: $24 - 16 = 8$ marbles

6. Two boxes have 14 toys each. Find the whole.



Answer: $14 + 14 = 28$ toys

Challenge

7. There are 40 students. 18 are in the gym and the rest are in class. Use a tape diagram to find how many are in class.

Answer: $40 - 18 = 22$ students

8. When is the whole missing - and what do you do then?

Answer: When both parts are given; add the parts to find the whole.