



Addition Word Problems for 4th Grade

Questions

1. The first Harry Potter book has 223 pages. The second Harry Potter Book has 251 pages. How many pages are there together in the two Harry Potter books?
2. Two trains each 50 m long are travelling along a train track. What is the length of the track that they occupy at any given time?
3. The height of a dartboard is 150 cm from the floor to the bottom of the dartboard. If the dartboard is 46 cm wide and there is still another 48 cm from the top of the dartboard to the ceiling, how high is the wall?
4. A boat takes 3 hours to travel up the river and 3 hours to travel down the river. How long does the boat take to the boat to do a round trip?
5. The height of a triangle is 5 inches. The height of a square is 13 inches. The height of a hexagon is 9 inches. What is the height of all the shapes if they were stacked on top of each other?
6. Which of these sums gives the largest value?
 $13 + 81$
 $72 + 48$
 $87 + 12$
 $72 + 28$
 $100 + 12$
7. Kerry has 3 marbles. Sarah has 5 more marbles than Kerry and Joseph has 12 more marbles than Sarah. If Tuli has 6 more marbles than Joseph, how many marbles does Tuli have?
8. A car travels on a straight track for 3 hours. It stops to fill up with gas for 30 minutes. It starts driving again and drives for another 2 hours before it gets a flat tyre. It takes 30 minutes to fix the tyre and start driving again. The car drives another 2 hours before it finally arrives at its destination. How long did the entire journey take, including the stops?
9. Which of these three numbers has a sum of 456?
 $4 + 5 + 6$
 $40 + 56$
 $400 + 5 + 6$
 $400 + 56 + 6$
 $399 + 46 + 11$
10. On monday, a hen laid 2 eggs. On Tuesday the hen laid 3 eggs, on Wednesday it laid 2 eggs, on Thursday it laid 4 eggs and on Friday it laid 1 egg. How many eggs did the hen lay that week?





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Answers

- 1. 474**
Add 223 to 251
 $223 + 251 = 474$
- 2. 100m**
If the length of a train is 50m, then the length of track that the train travels on must also be 50m. If there are two trains, each 50m long, then the sum would be:
 $50 + 50 = 100$
The two trains occupy 100 m of track at any given time.
- 3. 244 cm**
Floor to bottom of dartboard: 150cm
Height of dartboard: 46 cm
Dartboard to ceiling: 48 cm
Now add them all together to get the total height of the ceiling:
 $150 + 46 + 48 = 244$ cm
- 4. 6 hours**
This one is simple. In order to calculate the round trip, you need to add the time it takes for the boat to go up the river and back down again.
 $3 + 3 = 6$
- 5. 27 inches**
Add all the shapes together to get the total height:
 $5 + 13 + 9 = 27$ inches
- 6. $72 + 48 = 120$**
This is the largest value in the provided options.
- 7. 26**
To make it easier, do each equation separately.
Kerry: 3 marbles
Sarah: 3 marbles + 5 marbles = 8 marbles
Joseph: 8 marbles + 12 marbles = 20 marbles
Tuli: 20 marbles + 6 marbles = Tuli has 26 marbles
- 8. 8 hours**
To make it easier, add each amount separately:
 $3 \text{ hours} + 3 \text{ minutes} = 3\text{h}30\text{m}$
 $3 \text{ hours and } 30 \text{ minutes} + 2 \text{ hours} = 5\text{h}30\text{m}$
 $5 \text{ hours and } 30 \text{ minutes} + 30 \text{ minutes} = 6\text{h}$
 $6 \text{ hours} + 2 \text{ hours} = 8 \text{ hours}$
- 9. $399 + 46 + 11$**
 $399 + 46 = 445$
And
 $445 + 11 = 456$
- 10. 12**
Add all of the eggs together:
 $2 + 3 + 2 + 4 + 1 = 12$

