Multiples and Differences With Tape Diagram

Name: _____

Solve each problem using a tape diagram.

1) Amy, Billy and Carl were working on a school project. Amy spent 26 minutes on her portion. Billy spent 7 times as long on his portion. And Carl spent 3 minutes fewer than Billy did. How many minutes total were they working?

2) A musician spent 22 hours practicing in January. In February he practiced for 10 hours longer than he did in January. Then in March he practiced for 3 times as long as January. How hours did he spend practicing?

3) Cody was reading a book. He read 28 pages on Monday and 7 times as many pages on Tuesday. On Wednesday he read 4 fewer pages than the amount he read on Tuesday. How many pages did he read total?

4) On Friday a game store sold 18 copies of the new Mario game. On Saturday they sold 2 times as many as on Friday. And then on Sunday they sold 9 less than the amount on Friday. How many did they sell total?

5) In one day a restaurant used 27 knives. They used 9 more forks than they used knives. They also used 5 as many spoons as knives. How many utensils do they use in a day?

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

Math

1-5 | 80 | 60 | 40 | 20 | 0

Solve each problem using a tape diagram.

1) Amy, Billy and Carl were working on a school project. Amy spent 26 minutes on her portion. Billy spent 7 times as long on his portion. And Carl spent 3 minutes fewer than Billy did. How many minutes total were they working?

Amy	26
Billy							
Carl							

1. ___**387**___

2. ___**120**___

2) A musician spent 22 hours practicing in January. In February he practiced for 10 hours longer than he did in January. Then in March he practiced for 3 times as long as January. How hours did he spend practicing?

Jan.	22
Feb.		10
Mar.			

3. ___**416**___

4. ___**63**___

5. ___**198**___

3) Cody was reading a book. He read 28 pages on Monday and 7 times as many pages on Tuesday. On Wednesday he read 4 fewer pages than the amount he read on Tuesday. How many pages did he read total?

Monday	28
Tuesday							
Wednesday							

4) On Friday a game store sold 18 copies of the new Mario game. On Saturday they sold 2 times as many as on Friday. And then on Sunday they sold 9 less than the amount on Friday. How many did they sell total?

Friday	18
Sunday		9
Saturday		

5) In one day a restaurant used 27 knives. They used 9 more forks than they used knives. They also used 5 as many spoons as knives. How many utensils do they use in a day?

knives	27
forks		9
spoons					

Math

1-5 | 80 | 60 | 40 | 20 | 0