

Solve each problem using a tape diagram.

1) The school book fair sold 19 books on Wednesday. On Friday they sold 2 fewer than Thursday. On Thursday they sold 8 times as many as on Wednesday. How many books did they sell in those three days?

Answers

3. _____

4. _____

2) In October a pet store sold 13 kittens. In November they sold 5 times as many kittens as in October. Then in December they sold 2 fewer kittens as in November. How many kittens did they sell across the three months?

3) In one day a restaurant used 24 knives. They used 10 more forks than they used knives. They also used 4 as many spoons as knives. How many utensils do they use in a day?

4) A musician spent 20 hours practicing in January. In February he practiced for 6 hours longer than he did in January. Then in March he practiced for 2 times as long as January. How hours did he spend practicing?

5) On Friday a game store sold 27 copies of the new Mario game. On Saturday they sold 4 times as many as on Friday. And then on Sunday they sold 6 less than the amount on Friday. How many did they sell total?

1-5 80 60 40 20 0

Answers

156

Solve each problem using a tape diagram.

1) The school book fair sold 19 books on Wednesday. On Friday they sold 2 fewer than Thursday. On Thursday they sold 8 times as many as on Wednesday. How many books did they sell in those three days?

| Wednesday | 19 | | | | |
|-----------|----|--|--|--|---|
| Thursday | | | | | |
| Friday | | | | | - |

2) In October a pet store sold 13 kittens. In November they sold 5 times as many kittens as in October. Then in December they sold 2 fewer kittens as in November. How many kittens did they sell across the three months?

| October | 13 | | |
|----------|----|--|--|
| November | | | |
| December | | | |

3) In one day a restaurant used 24 knives. They used 10 more forks than they used knives. They also used 4 as many spoons as knives. How many utensils do they use in a day?

| knives | 24 | | |
|--------|----|----|--|
| forks | | 10 | |
| spoons | | | |

4) A musician spent 20 hours practicing in January. In February he practiced for 6 hours longer than he did in January. Then in March he practiced for 2 times as long as January. How hours did he spend practicing?

| Jan. | 20 | |
|------|----|---|
| Feb. | | 6 |
| Mar. | | |

5) On Friday a game store sold 27 copies of the new Mario game. On Saturday they sold 4 times as many as on Friday. And then on Sunday they sold 6 less than the amount on Friday. How many did they sell total?

| Friday | 27 | | |
|----------|----|--|--|
| Sunday | 6 | | |
| Saturday | | | |