



Solve each problem using a tape diagram.

Answers

- 1) At the fair the ring toss booth took in \$20 the first hour. The second hour they took \$10 less than the first hour. And the third hour they took 5 times the amount in the first hour. How much money did the ring toss booth take in the first 3 hours.

- 2) In October a pet store sold 27 kittens. In November they sold 8 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) Maria was organizing her pictures on her computer. In folder 1 she had 22 pictures. In folder 2 she had 5 more pictures than folder 1. And in folder 3 she had 3 times as many pictures as folder 1. How many pictures does she have total?

- 4) On Friday a game store sold 26 copies of the new Mario game. On Saturday they sold 2 times as many as on Friday. And then on Sunday they sold 7 less than the amount on Friday. How many did they sell total?

- 5) A musician spent 28 hours practicing in January. In February he practiced for 6 hours longer than he did in January. Then in March he practiced for 5 times as long as January. How hours did he spend practicing?

1. _____

2. _____

3. _____

4. _____

5. _____



Solve each problem using a tape diagram.

- 1) At the fair the ring toss booth took in \$20 the first hour. The second hour they took \$10 less than the first hour. And the third hour they took 5 times the amount in the first hour. How much money did the ring toss booth take in the first 3 hours.

First Hour

| |
|----|
| 20 |
|----|

Second Hour

| | |
|--|----|
| | 10 |
|--|----|

Third Hour

| | | | | |
|--|--|--|--|--|
| | | | | |
|--|--|--|--|--|

- 2) In October a pet store sold 27 kittens. In November they sold 8 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

| |
|----|
| 27 |
|----|

November

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| | | | | | | | |
|--|--|--|--|--|--|--|--|

December

| | | | | | | | | |
|--|--|--|--|--|--|--|--|--|
| | | | | | | | | |
|--|--|--|--|--|--|--|--|--|

- 3) Maria was organizing her pictures on her computer. In folder 1 she had 22 pictures. In folder 2 she had 5 more pictures than folder 1. And in folder 3 she had 3 times as many pictures as folder 1. How many pictures does she have total?

Folder 1

| |
|----|
| 22 |
|----|

Folder 2

| | |
|--|---|
| | 5 |
|--|---|

Folder 3

| | | |
|--|--|--|
| | | |
|--|--|--|

- 4) On Friday a game store sold 26 copies of the new Mario game. On Saturday they sold 2 times as many as on Friday. And then on Sunday they sold 7 less than the amount on Friday. How many did they sell total?

Friday

| |
|----|
| 26 |
|----|

Sunday

| | |
|--|---|
| | 7 |
|--|---|

Saturday

| | |
|--|--|
| | |
|--|--|

- 5) A musician spent 28 hours practicing in January. In February he practiced for 6 hours longer than he did in January. Then in March he practiced for 5 times as long as January. How hours did he spend practicing?

Jan.

| |
|----|
| 28 |
|----|

Feb.

| | |
|--|---|
| | 6 |
|--|---|

Mar.

| | | | | |
|--|--|--|--|--|
| | | | | |
|--|--|--|--|--|

Answers

1. 130
2. 457
3. 115
4. 97
5. 202