



Solve each problem using a tape diagram.

Answers

- 1) Katie's TV emporium was running a contest to see which employee could sell the most TVs. Frank sold 10 times as many TVs as Danny. Edward sold 4 fewer than Frank. And Danny sold 17 TVs. How many TVs did they sell total?
- 2) On Monday morning a store had 25 customer. In the afternoon they had 10 fewer customers than the morning. In the evening they had 2 times as many customers as the morning. How many customers did they have total?
- 3) A musician spent 18 hours practicing in January. In February he practiced for 8 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?
- 4) Amy, Billy and Carl were working on a school project. Amy spent 30 minutes on her portion. Billy spent 8 times as long on his portion. And Carl spent 2 minutes fewer than Billy did. How many minutes total were they working?
- 5) While playing a video game Aaron, Bianca and Cathy counted the enemies they defeated. Aaron defeated 30. Bianca defeated 10 more than Aaron. And Cathy defeated 4 times as many as Aaron. How many enemies did they defeat total?

1. _____

2. _____

3. _____

4. _____

5. _____



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- 1) Katie's TV emporium was running a contest to see which employee could sell the most TVs. Frank sold 10 times as many TVs as Danny. Edward sold 4 fewer than Frank. And Danny sold 17 TVs. How many TVs did they sell total?

Danny

Frank

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Edward

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1. **353**

- 2) On Monday morning a store had 25 customer. In the afternoon they had 10 fewer customers than the morning. In the evening they had 2 times as many customers as the morning. How many customers did they have total?

Morning

25

Afternoon

	10
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Evening

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2. **90**

3. **98**

4. **508**

5. **190**

- 3) A musician spent 18 hours practicing in January. In February he practiced for 8 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.

18

Feb.

	8
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Mar.

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- 4) Amy, Billy and Carl were working on a school project. Amy spent 30 minutes on her portion. Billy spent 8 times as long on his portion. And Carl spent 2 minutes fewer than Billy did. How many minutes total were they working?

Amy

30

Billy

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Carl

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- 5) While playing a video game Aaron, Bianca and Cathy counted the enemies they defeated. Aaron defeated 30. Bianca defeated 10 more than Aaron. And Cathy defeated 4 times as many as Aaron. How many enemies did they defeat total?

Aaron

30

Bianca

	10
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Cathy

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