

**Solve each problem using a tape diagram.**

- 1) Rachel created an app that she put on the app store. In the first day 24 people downloaded it. On the second day she had 5 times as many downloads. On the third day she had 4 fewer downloads than day 2. How many people downloaded the app in the first 3 days?

- 2) On Friday a game store sold 23 copies of the new Mario game. On Saturday they sold 4 times as many as on Friday. And then on Sunday they sold 5 less than the amount on Friday. How many did they sell total?

- 3) On Monday morning a store had 19 customer. In the afternoon they had 9 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?

- 4) In one day a restaurant used 20 knives. They used 6 more forks than they used knives. They also used 4 as many spoons as knives. How many utensils do they use in a day?

- 5) In October a pet store sold 29 kittens. In November they sold 10 times as many kittens as in October. Then in December they sold 4 fewer kittens as in November. How many kittens did they sell across the three months?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____

**Solve each problem using a tape diagram.**

1) Rachel created an app that she put on the app store. In the first day 24 people downloaded it. On the second day she had 5 times as many downloads. On the third day she had 4 fewer downloads than day 2. How many people downloaded the app in the first 3 days?

Day 1

24

Day 2

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Day 3

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Answers1. **260**2. **133**3. **67**4. **126**5. **605**

2) On Friday a game store sold 23 copies of the new Mario game. On Saturday they sold 4 times as many as on Friday. And then on Sunday they sold 5 less than the amount on Friday. How many did they sell total?

Friday

23

Sunday

	15
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Saturday

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3) On Monday morning a store had 19 customer. In the afternoon they had 9 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

19

Afternoon

	9
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Evening

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4) In one day a restaurant used 20 knives. They used 6 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

20

forks

	6
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spoons

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5) In October a pet store sold 29 kittens. In November they sold 10 times as many kittens as in October. Then in December they sold 4 fewer kittens as in November. How many kittens did they sell across the three months?

October

29

November

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December

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