Name:

Solve each problem using a tape diagram.

Ex) Debby was trying to determine the weight of a small rock. She determined the small rock was $\frac{1}{2}$ as heavy as a medium rock. The medium rock was $\frac{2}{5}$ as heavy as a large rock. The large rock weighed 350 grams. How heavy was the small rock?

Ex. _____ **70** _____

1. _____

2. _____

3. _____

1) Janet was looking at her Nintendo collection. She had 476 wiiU games. She had $\frac{2}{7}$ as many DS games and $\frac{1}{2}$ as many 3ds games as DS games. How many 3ds games does she have?

4. _____

2) Two years ago the fair had $\frac{2}{3}$ as many people as 1 year ago. 1 year ago the fair had $\frac{3}{5}$ as many people as this year. This year the fair had 260 people. How many people did the fair have 2 years ago?

3) A chef was ordering vegetables for his restaurant. He order $102 worth of potatoes. He also spent $\frac{5}{6}$ as much on tomatoes. Finally he spent $\frac{3}{5}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

4) On Super Bowl Sunday a store sold 410 sodas. They sold $\frac{2}{10}$ as many bags of chips. They also sold $\frac{1}{2}$ as many jars of dip as bags of chips. How many jars of dip did they sell?

1-4 | 75 | 50 | 25 | 0

Solve each problem using a tape diagram.

Ex) Debby was trying to determine the weight of a small rock. She determined the small rock was $\frac{1}{2}$ as heavy as a medium rock. The medium rock was $\frac{2}{5}$ as heavy as a large rock. The large rock weighed 350 grams. How heavy was the small rock?

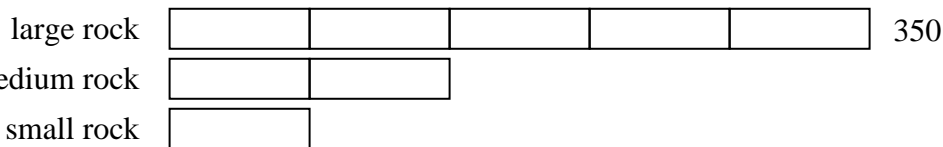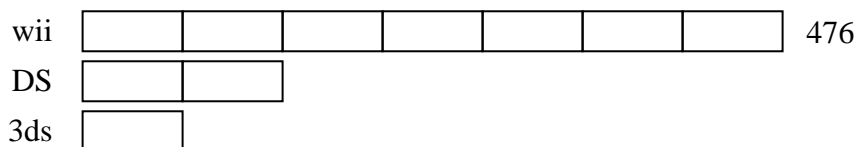large rock | | | | | | 350
medium rock | | |
small rock | |

Ex. ___**70**___

1. ___**68**___

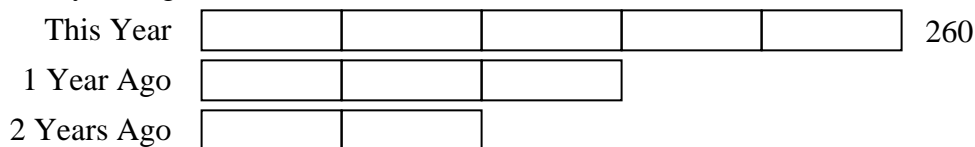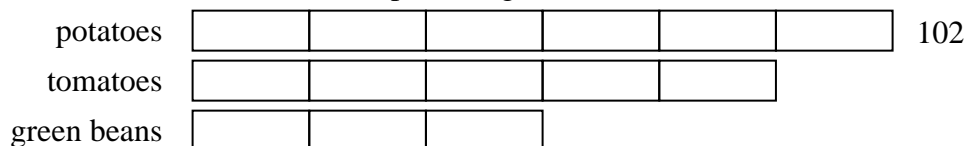**1)** Janet was looking at her Nintendo collection. She had 476 wiiU games. She had $\frac{2}{7}$ as many DS games and $\frac{1}{2}$ as many 3ds games as DS games. How many 3ds games does she have?

wii | | | | | | | | 476
DS | | |
3ds | |

2. ___**104**___

3. ___**51**___

4. ___**41**___

2) Two years ago the fair had $\frac{2}{3}$ as many people as 1 year ago. 1 year ago the fair had $\frac{3}{5}$ as many people as this year. This year the fair had 260 people. How many people did the fair have 2 years ago?

This Year | | | | | | 260
1 Year Ago | | | |
2 Years Ago | | |

3) A chef was ordering vegetables for his restaurant. He order $102 worth of potatoes. He also spent $\frac{5}{6}$ as much on tomatoes. Finally he spent $\frac{3}{5}$ as much on green beans as he did on tomatoes. How much did he spend on green beans?

potatoes | | | | | | | 102
tomatoes | | | | | |
green beans | | | |

4) On Super Bowl Sunday a store sold 410 sodas. They sold $\frac{2}{10}$ as many bags of chips. They also sold $\frac{1}{2}$ as many jars of dip as bags of chips. How many jars of dip did they sell?

Sodas | | | | | | | | | | 410
Chips | |
Dip |

Math

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