## Unit 3 Lesson 15: Finding This Percent of That

### 1 Number Talk: Decimals (Warm up)

#### Student Task Statement

Find the value of each expression mentally.

### 2 Audience Size

#### Student Task Statement

A school held several evening activities last month—a music concert, a basketball game, a drama play, and literacy night. The music concert was attended by 250 people. How many people came to each of the other activities?

1. Attendance at a basketball game was 30% of attendance at the concert.
2. Attendance at the drama play was 140% of attendance at the concert.
3. Attendance at literacy night was 44% of attendance at the concert.

### 3 Everything is On Sale

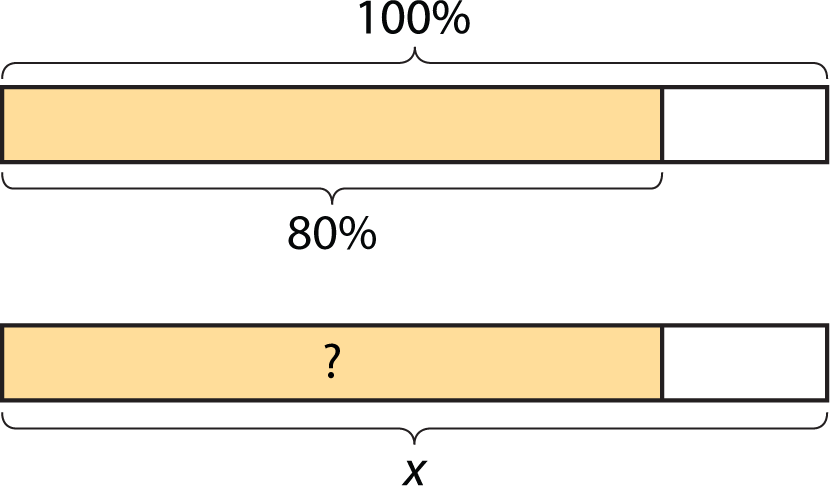
#### Student Task Statement

During a sale, every item in a store is 80% of its regular price.

1. If the regular price of a T-shirt is $10, what is its sale price?
2. The regular prices of five items are shown here. Find the sale price of each item.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | * item 1 | * item 2 | * item 3 | * item 4 | * item 5 |
| * regular price | * $1 | * $4 | * $10 | * $55 | * $120 |
| * sale price |  |  |  |  |  |

1. You found 80% of many values. Was there a process you repeated over and over to find the sale prices? If so, describe it.

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1. Select **all** of the expressions that could be used to find 80% of . Be prepared to explain your reasoning.



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