

**Task 1 Skill-Based Task**

Explain if the following multiplication and division problems with powers of ten are true.

 432×103 = 432000

 4.32×102 =432

 43.2 × 10 = 432

**Task 2**

Martha earned $4.20 each day for ten days of babysitting. Over a year’s time, she worked ten times ten days. Write an expression using exponents of 10 to show how much she earned in ten days, then in 10 times ten days. How much did she earn in one year? Justify your answer.

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