



Relate Fractions and Decimals

TAKS Objective 1
TEKS 4.2A, 4.2D**Solve.**

1. A piece of wood is $\frac{3}{10}$ of an inch thick.
Is this the same as 0.03 inch?
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3. There are 10 lollipops in a box. 6 of the lollipops are red and 4 are green. What fraction and decimal of the total lollipops are red?
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5. Deanna decorated a box with 100 mosaic tiles. 67 of the tiles are colored and the rest are white. Write a fraction and a decimal for the number of tiles that are white.
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2. Last month Melissa's bamboo plant grew $\frac{9}{100}$ of a foot. Is this the same as 0.09?
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4. In a box of 100 writing utensils, 32 are pens, 28 are pencils, and 40 are markers. What fraction and decimal of the total writing utensils are pencils?
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6. Zachary has 100 building blocks that are red, blue, and yellow. 36 of the blocks are red and 45 are blue. Write a fraction and decimal for the number of blocks that are yellow.
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