

Mental Math · Percent Sense

CKSTEM Math Problem Solving · Grades 6–8

Try each problem on your own first — then watch the solution videos.

★ Carve the Bar

What is 25% of 240? And what is 75% of 80?

WORK IT OUT HERE

LO All Seven Anchors

What is 5% of 80? And what is 20% of 250?

WORK IT OUT HERE

L1 Scale the Anchor

What is 7.5% of 56? And what is 175% of 32?

WORK IT OUT HERE

L2 Stack & Unstack Anchors

What is 15% of 240? And what is 65% of 160?

WORK IT OUT HERE

L3 Divide Then Multiply

What is $66\frac{2}{3}\%$ of 72? And what is 87.5% of 96?

WORK IT OUT HERE

L4 A Percent of a Percent

What is 12% of 200? And what is 22.5% of 160?

WORK IT OUT HERE

L5 Lean on the Whole

What is 96% of 50? And what is 104% of 50? A \$120 game has 13% tax added — what is the final price? And a \$1,000 card goes up 10%, then down 10% — is it back to \$1,000?

WORK IT OUT HERE

L6 Swap to the Anchor

What is 84% of 25?

WORK IT OUT HERE