Checkpoint

Skills Practice
Stage 33: Expressions and Equations

Task 1:

The number 36 can be written in many different ways. Here are some:

$6^2, 3^2 \times 4, \frac{1}{2}(4 \times 18)$

Find 3 different ways to make the numbers below, using exponents for two ways for each number:

A) 160

B) 1000

C) 75

Task 2:

Find 4 expressions equivalent to:

$5(x + 6)$

For each, say how you know they are equivalent.

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Task 3:

Robert knew his mom would be late to pick him up after school.

She said she'd be no more than 25 minutes late and he should wait in the school playground.

10 minutes have passed since school ended.

Write an inequality to describe the number of minutes Robert could have left before his mom picks him up.

Let M represent the number of minutes he may have to wait.

Show the inequality on a number line.