

Unit Fractions: Equal Parts and the Same Whole

Later response 1

Strips N and P are equal-sized wholes. Name each shaded unit fraction and compare them with an explanation.

Strip N



Strip P



Strip N: whole drawn length 240; consecutive part lengths 60, 60, 60, 60; part 1 shaded. Strip P: whole drawn length 240; consecutive part lengths 30, 30, 30, 30, 30, 30, 30, 30; part 1 shaded. Lengths describe the drawing in a common unit.

Show or explain your reasoning. Use the space below or continue on separate paper.

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Later response 2

Strip Q and Strip R are different-sized wholes. Q has half shaded and R has one quarter shaded. Can the fraction names alone tell which shaded physical strip is longer? Use these drawings to explain what you must check.

Strip Q



Strip R



Strip Q: whole drawn length 120; consecutive part lengths 60, 60; part 1 shaded. Strip R: whole drawn length 240; consecutive part lengths 60, 60, 60, 60; part 1 shaded. Lengths describe the drawing in a common unit.

Show or explain your reasoning. Use the space below or continue on separate paper.
