

In problems 1 and 2, use estimation to help you select the correct product.

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| 1) 29×8.9 (30 x 9 = 270) | 2) 20.9×61.2 (20 x 60 = 1,200) |
| a) 25.81 | a) 12.7908 |
| b) 258.1 | b) 127.908 |
| c) 2,581.1 | c) 1,279.08 |

In problems 3 and 4, use patterns to find each missing product.

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| 3) $0.424 \times 21.5 = 9.116$ | 4) $96.5 \times 18.6 = 1,794.9$ |
| $4.24 \times 21.5 =$ 91.16 | $9.65 \times 18.6 =$ 179.49 |
| $42.4 \times 21.5 =$ 911.6 | $0.965 \times 18.6 =$ 17.949 |
| $424 \times 21.5 =$ 9,116. | $0.0965 \times 18.6 =$ 1.7949 |

In problems 5 and 6, use estimation to help you select the correct quotient.

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| 5) $26 \overline{)20.41}$ (20 ÷ 26 < 1) | 6) $0.2 \overline{)1.125}$ (11 ÷ 2 = 5.5) |
| a) 0.785 | a) 0.5625 |
| b) 7.85 | b) 5.625 |
| c) 78.5 | c) 56.25 |

In problems 7 and 8, use patterns to find each missing quotient.

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| 7) $425 \div 17 = 25$ | 8) $0.2376 \div 6 = 0.0395$ |
| $42.5 \div 17 =$ 2.5 | $2.37 \div 6 =$ 0.395 |
| $4.25 \div 17 =$ 0.25 | $23.7 \div 6 =$ 3.95 |
| $0.425 \div 17 =$ 0.025 | $237 \div 6 =$ 39.5 |