**Similar Figures Sum ‘Em Up (Part 1)**

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| 1. Quadrilateral PQRS ~ TUVW. Solve for x. | 1. Given ∆IJK ~ ∆LMN, find y. |

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**Similar Figures Sum ‘Em Up (Part 2)**

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| 1. A map has a scale of 3 cm : 18 km. If Riverside and Smithville are 54 km apart then they are how far apart on the map? | 1. Find the distance between Riverside and Milton if they are 12 cm apart on a map with a scale of 4 cm : 21 km. |
| 1. A model house is 12 cm wide. If it was built with a scale of 3 cm : 4 m then how wide is the real house? | 1. Oak Grove and Salem are 87 mi from each other. How far apart would the cities be on a map that has a scale of 5 in : 29 mi? |

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**Similar Figures Sum ‘Em Up (Part 3)**

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| 1. A 6 ft tall tent standing next to a cardboard box casts a 9 ft shadow. If the cardboard box casts a shadow that is 6 ft long then how tall is it? | 1. A telephone booth that is 8 ft tall casts a shadow that is 4 ft long. Find the height of a lawn ornament that casts a 2 ft shadow. |
| 1. A 6.5 ft tall car standing next to an adult elephant casts a 33.2 ft shadow. If the adult elephant casts a shadow that is 51.5 ft long then how tall is it? Round to the nearest tenth. | 1. If a 42.9 ft tall flagpole casts a 253.1 ft long shadow then how long is the shadow that a 6.2 ft tall woman casts? |

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**Similar Figures Sum ‘Em Up (Part 4)**

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