

## Solving Multi Step Equations Word Problems

Name		Score	
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1	Sarah bought 3 identical shirts and a hat for \$45. If the hat costs \$9, how much is each shirt?  _____	2	John is twice as old as his sister. In 5 years, their total age will be 35. How old is John now?  _____
3	A gym charges a \$30 registration fee and \$20 per month. If a person paid \$150 in total, how many months did they attend?  _____	4	Samantha earned \$200 babysitting and wants to buy 4 shirts. After buying them, she had \$40 left. How much did each shirt cost?  _____
5	Tim bought 5 pencils and a notebook for \$10. The notebook cost \$6. How much was each pencil?  _____	6	A car rental service charges \$50 per day plus a \$25 fee. If Michael paid \$175, how many days did he rent the car?  _____
7	Emily bought 7 books for \$56. If 2 of the books together cost \$20, how much did each of the other 5 books cost?  _____	8	A group of friends went to the movies. The tickets cost \$12 each. They spent \$24 on snacks and paid a total of \$84. How many tickets did they buy?  _____

9

Anna bought a jacket for \$80 and 3 pairs of jeans. She spent \$170 in total. How much did each pair of jeans cost?

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10

A phone company charges \$20 per month and a \$50 activation fee. If Sarah paid \$110 in total, how many months did she use the service?

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11

A school fundraiser sold 4 raffle tickets for \$5 each and 2 tickets for \$10 each. How much did they raise in total?

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12

Mark bought 3 identical plants and a vase for \$36. If the vase cost \$12, how much did each plant cost?

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13

A theater charges \$8 per ticket. With a \$2 coupon, Alex paid \$46 for 6 tickets. How much did each ticket cost after the coupon?

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14

Megan buys a shirt for \$24 and 3 scarves. She spent \$60 in total. How much did each scarf cost?

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15

A taxi service charges \$3 per mile plus a \$5 base fee. If Jason's ride cost \$29, how many miles did he travel?

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