

HANDS ON STRIP DIAGRAMS



KIDS Multi-Step Problem Solving Level 3 Name: _____

5 Lauren bought 7 new bottles of invisible ink for \$6 each. She used a coupon to get \$25 off. How much did she spend?

Diagram:

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2 Raul bought 8 fingerprinting kits for \$4 each. He used a coupon for \$5 off. How much did he spend?

Strip Diagram:

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SPY KIDS Multi-Step Level 3 My Work

5 Luke bought 4 new laser pointers from the spy store. Laser pointers are \$8 each. The cashier gave him \$10 off his purchase. How much did Luke spend?

Strip Diagram:

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SHOPPING SPREE 1

Ashley found 7 pairs of flip flops that were too adorable to pass up. The flip flops were on sale for \$6 per pair. Her mom paid \$20 and Ashley paid the rest. How much did Ashley pay?

6 Tasha bought 6 new pairs of spy glasses at the store. Spy glasses were on sale for \$8 each and spy bracelets were \$25. She also used a coupon to get \$10 off. How much did she spend?

Strip Diagram:

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Equation: _____

Multi-Step Problems



2-step multiplication word problems

Engaging Practice with 4 themed sets of questions

SPORTS STORE

Diego bought new soccer cleats for \$50. He also bought 6 new soccer balls for \$8 each. How much did he spend in all?

Bonus: If he paid with a \$100 bill, how much change did he receive?



SPY KIDS

Lauren bought 7 new bottles of invisible ink for \$6 each. She used a coupon to get \$25 off. How much did she spend?



SHOPPING SPREE

Ashley found 7 pairs of flip flops that were too adorable to pass up. The flip flops were on sale for \$6 per pair. Her mom paid \$20 and Ashley paid the rest. How much did Ashley pay?



SHOW ME THE \$

Preston earned \$7 doing chores. Hailey earned twice as much as Preston doing chores. How much money did Preston and Hailey earn altogether?



Includes Multiple Versions of Recording Sheets to Differentiate



SPORTS STORE Multi-step Problem Solving

My Work

5 Bella went to the store. She saw baseball gloves for \$40, softballs for \$6 each and bats for \$50. She bought a bat and 5 softballs. How much did she spend?

Strip Diagram:

Equation: Solution:

SPORTS STORE Multi-step Problem Solving

My Work Level 3 Name: _____

5 Bella went to the store. She saw baseball gloves for \$40, softballs for \$6 each and bats for \$50. She bought a bat and 5 softballs. How much did she spend?

Strip Diagram:

Equation: Solution:

6 Ava purchased a large team player medals for her soccer players on her soccer team. \$7 each, small trophies are \$40. How much will she spend?

Strip Diagram:

Equation: Solution:

7 David went to the store and found a pair of shoes for \$50, a new jersey for \$40 and new basketballs for \$8 each. How much would it cost to buy 4 basketballs and a pair of shoes?

Strip Diagram:

Equation: Solution:

8 Zach went to the skate shop and found a new skateboard deck for \$50. He found new wheels for \$6 each and new shirts for \$20. How much would he spend if he bought a new skateboard deck and 4 wheels?

Strip Diagram:

Equation: Solution:

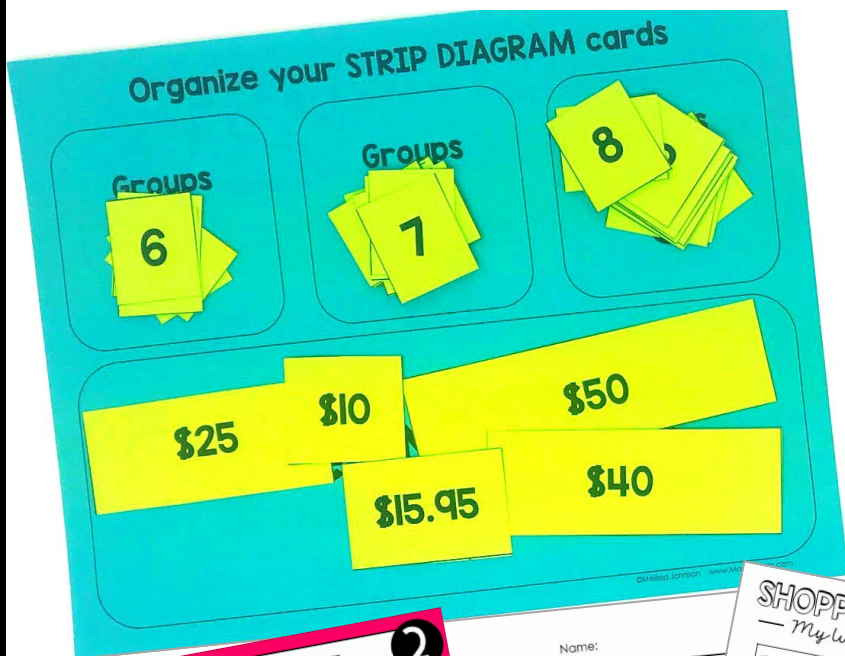
8 Zach went to the skate shop and found a new skateboard deck for \$50. He found new wheels for \$6 each and new shirts for \$20. How much would he spend if he bought a new skateboard deck and 4 wheels?

Strip Diagram:

Equation: Solution:

Building Blocks

to help students build strip diagrams



SHOPPING SPREE

1

Ashley found 7 pairs of flip flops that were too adorable to pass up. The flip flops were on sale for \$6 per pair. Her mom paid \$20 and Ashley paid the rest. How much did Ashley pay?

SHOPPING SPREE

2

Adam had \$55 to spend. He found a pair of shoes for \$25 and shirts for \$7 each. He bought the pair of shoes and 3 shirts. What was the total cost of his purchase?

SHOPPING SPREE

3

Faith bought 5 pairs of earrings and a unicorn headband. The earrings cost \$6 per pair and the unicorn headband was \$15.95. How much did Faith spend?

SHOPPING SPREE

My Work

5 Emma went shopping with her friends. She found necklaces that were on sale for \$6 and a dress that was \$25. She bought a necklace for each of her 6 friends and the dress for herself. How much did Emma spend?

Strip Diagram:

Solution:

SHOPPING SPREE

6 Ben bought a pair of boots for \$40 and 7 pairs of socks that were \$8 per pair. How much did Ben spend?

Strip Diagram:

Equation:

Solution:

SHOPPING SPREE

7 Tim found disguise glasses for \$25. He purchased spy journals for \$7 each. He purchased a gift card with a \$45 gift card. How much money did he have left on his gift card after his purchase?

Strip Diagram:

About the Author

This resource was created by Melissa Johnson, who has 16 years of k-10 teaching experience and a masters degree in Mathematics Education. Her resources build conceptual understanding, make connections between math topics and engage students in the mathematics they are learning.

