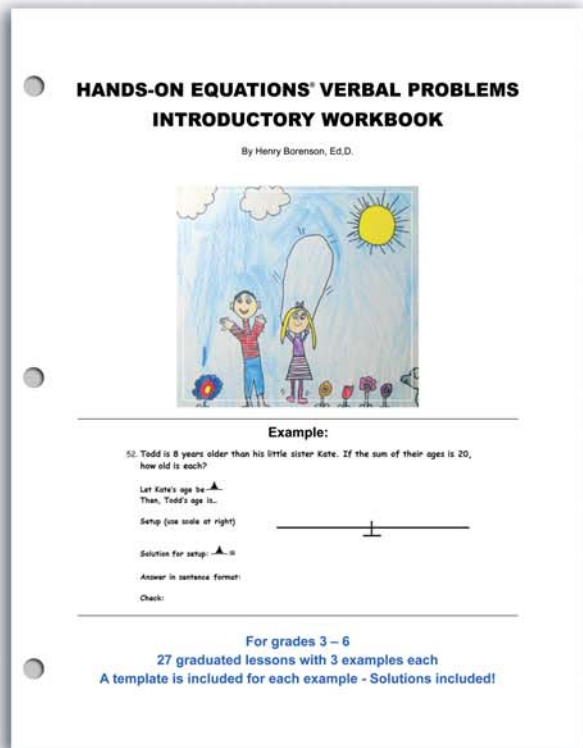


Hands-On Equations®

INTRODUCTORY VERBAL PROBLEMS WORKBOOK



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introduce your
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problems!

27 graduated lessons with three examples each

Template included for each problem!

Solutions included!

For grades 3 - 6

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Solution to Cover Problem

52. Todd is 8 years older than his little sister Kate. If the sum of their ages is 20, how old is each?

Let Kate's age be \blacktriangle

Then, Todd's age is $\blacktriangle + 8$

Setup (use scale at right) $\blacktriangle + 8 \quad \blacktriangle + 10 \quad 10$

Solution for setup: $\blacktriangle = 6$

Answer in sentence format: Kate is 6 and Todd is 14.

Check: $14 = 6 + 8$ and $14 + 6 = 20$; or $20 \stackrel{\checkmark}{=} 20$



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Sample Problems from the Hands-On Equations®

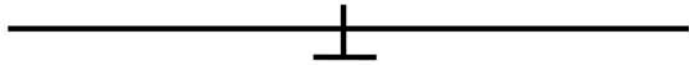
Verbal Problems Introductory Workbook

For each example, a template is provided to guide the student through the problem-solving process.

25. Cheryl purchased five books for the same amount as Carla, who purchased three of the same books and an \$8 briefcase. What was the cost of each book?

Let \blacktriangle be...

Setup (use scale at right)



Solution for setup: $\blacktriangle =$

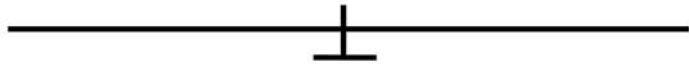
Answer in sentence format:

Check:

-
26. Ron bought four tickets to the school game for the same amount as Jim, who purchased one ticket and an \$18 T-shirt. What was the cost of each ticket?

Let \blacktriangle be...

Setup (use scale at right)



Solution for setup: $\blacktriangle =$

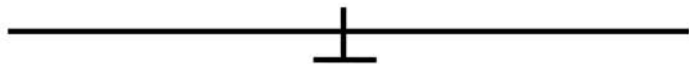
Answer in sentence format:

Check:

-
27. Tim had three bags of marbles. John had one of the same bags of marbles as well as 14 loose marbles. If Tim and John had the same number of marbles, how many marbles were in each bag?

Let \blacktriangle be

Setup (use scale at right)



Solution for setup: $\blacktriangle =$

Answer in sentence format:

Check: