DO NOW

GRADE 7 · 5 MINUTES · START RIGHT AWAY

Lesson 7-5a # Find All Possible Outcomes

Name _____ Date _____ Per _____

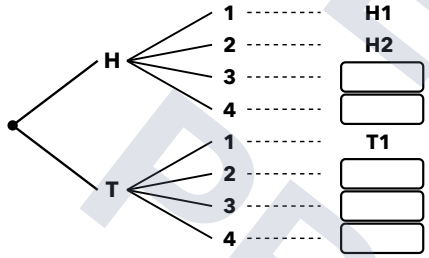
1 FLUENCY

A deli offers 3 kinds of bread and 4 fillings. How many different one-bread, one-filling sandwiches are possible?

☐ sandwiches

2 VISUAL MODEL

A coin is flipped and a 4-section spinner (1–4) is spun. Complete the tree.



Total outcomes: ☐

P(T and 3) = ☐/☐

3 APPLICATION

Zoe has 3 shirts, 2 pairs of pants, and 2 pairs of shoes. She picks one of each at random. How many outfits? What is P(her favorite outfit)?

Outfits: _____ P = ☐/☐

WORK

4 REASONING

Ben says flipping 2 coins has 3 outcomes (2 heads, 2 tails, 1 of each), so P(2 heads) = $\frac{1}{3}$. Is he correct? Explain.

Yes or **No** P(2 heads) = ☐/☐

_____

_____

*We don't divide our effort, we **multiply** it!*

✎ Show your work ✓ Check your work ★ Try your best

Preview - the full worksheet and its answer key are at primeworksheet.com