For Grown-Ups: Answers & Little Hints

Hippo: Tilt and Pack / Worksheets - Ages 5-7

No need to print this page. Look here to check an answer or help your child get started.

CARD 1 TEN AND TWO

AGES 5-7

1. Circle ten in START. How many packs?

Little hint. Touch each pouch in START once. Can you mark a full group without using the incoming pouches?

Answer. 1 pack. Circle any ten of the 12 pouches; the other 2 stay outside.

2. The two pouches arrive. How many supplies?

Little hint. Keep everything in START. What joins the collection next?

Answer. 14 supplies (12 + 2). Packing changes the grouping, not the total.

CARD 2 KEEP TWO PACKS

AGES 5-7

1. Open one pack. Add ten dots. How many loose?

Little hint. Show what comes out of the opened pack beside the loose pouches already there.

Answer. 14 loose (4 + 10); 2 packs remain. Any positions for the ten dots are valid.

2. Send away four loose. How many supplies stay?

Little hint. Mark only the loose pouches that leave. Then count every supply that stays.

Answer. 30 supplies (34 - 4), shown as 2 packs and 10 loose. Any four loose pouches may go.

CARD 3 SAME SUPPLIES

AGES 5-7

1. Which tray has two packs and one loose?

Little hint. Compare the closed packs first, then check the loose pouches.

Answer. B: the right-hand tray.

2. How many supplies are in each tray?

Little hint. Count what is inside the packs as well as what you can see loose.

Answer. A = 21; B = 21 (10 + 11 = 20 + 1). Both totals match.

CARD 4 TWO WAYS TO PACK

AGES 5-7

1. Draw dots for loose pouches. Make 24 in each tray.

Little hint. What is already inside each tray's packs? Add only the missing loose pouches.

Answer. A: 4 dots; B: 14 dots (20 + 4 = 10 + 14 = 24). One dot per loose pouch; positions may vary.

2. Which tray has fewer loose? How many fewer?

Little hint. Pair the loose dots across the trays. Which tray has dots left over?

Answer. Tray A has 10 fewer loose (14 - 4). Compare loose counts, not total supplies.

Why. Equal totals do not require equal loose counts.

Pointing or saying an answer can show the math. Dot placement and coloring do not need to match a model.