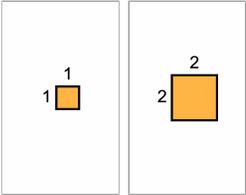


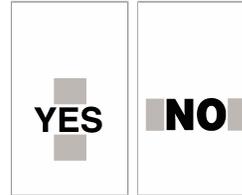
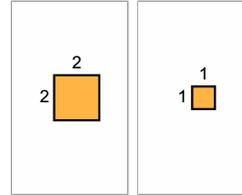
Mathematics Task 1: Shape Sizes

Materials and Setup

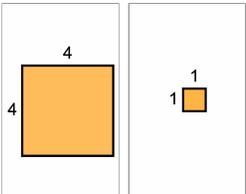
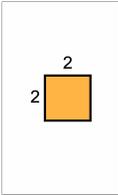
Item 1



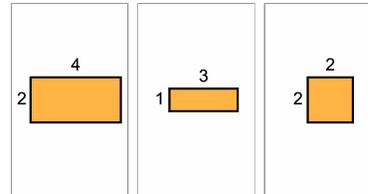
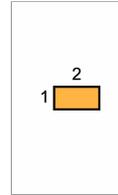
Item 2



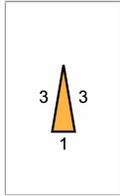
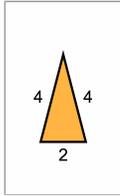
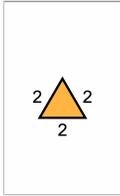
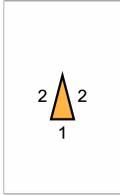
Item 3



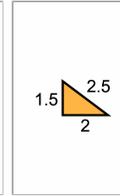
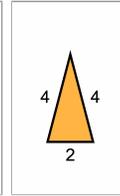
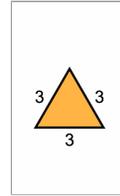
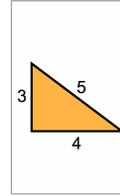
Item 4



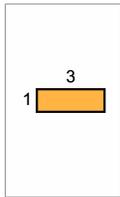
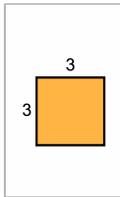
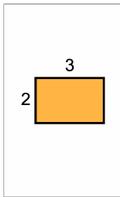
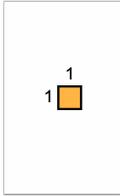
Item 5



Item 6



Item 7



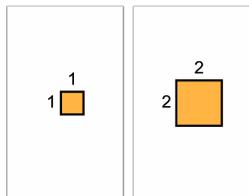
Access Limitations

N/A (Not Applicable) (Item 1, 2, 3, 4, 5, 6, 7)

Mathematics Task 1:

Shape Sizes: Item 1

Setup



Script

Say: *We're going to work with different shapes.*

Say: *Here is a one-inch square* (indicate the 1-inch square card).
Here is a two-inch square (indicate the 2-inch square card).

Say: *Tell (show) me, which square is smaller: this square* (indicate the 1-inch square card) *or this square* (indicate the 2-inch square card)?

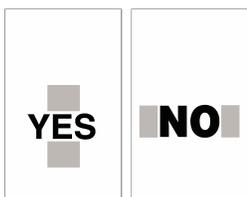
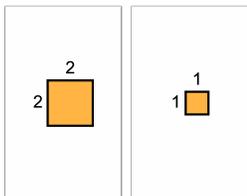
TRY 1

	→	Record 1	→	Next Item →
	→	Record 0	→	Next Item →
	→	Record N	→	Next Item →

Mathematics Task 1:

Shape Sizes: Item 2

Setup



Script

Say: **Here are two squares** (indicate the 2-inch and 1-inch square cards).

Say: **Tell (show) me, is the length of the side of this square** (indicate the 2-inch square card) **twice as big as the length of the side of this square** (indicate the 1-inch square card): **yes** (indicate the yes card) **or no** (indicate the no card)?

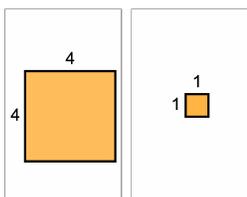
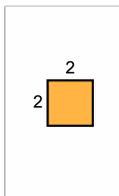
TRY 1

	→	Record 1	→	Next Item
	→	Record 0	→	Next Item
	→	Record N	→	Next Item

Mathematics Task 1:

Shape Sizes: Item 3

Setup



Script

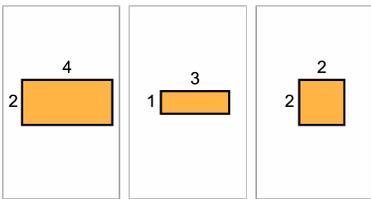
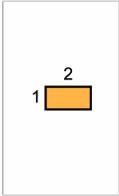
Say: ***Tell (show) me, which shape has half the length and width of this square*** (indicate the 2-inch square card): ***this square*** (indicate the 4-inch square) ***or this square*** (indicate the 1-inch square)?

TRY 1

		Record 1		Next Item 
		Record 0		Next Item 
		Record N		Next Item 

Shape Sizes: Item 4

Setup



Script

Say: **Tell (show) me, which shape has twice the length and width of this rectangle** (indicate the 1-inch by 2-inch rectangle): **this** (indicate the 2-by 4-inch rectangle), **this** (indicate the 1-inch by 3-inch rectangle), **or this** (indicate the 2-inch square)?

TRY 1

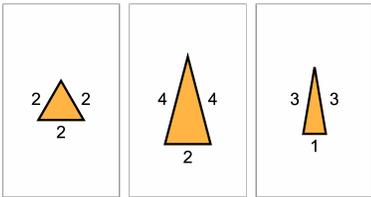
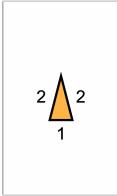
	→	Record 2	→	Next Item
	→	Remove Incorrect Student Response	→	TRY 2
	→	Remove 	→	TRY 2

TRY 2 *Tell (show) me, which shape has twice the length and width of this one-inch by two-inch rectangle: (indicate each remaining option)?*

	→	Record 1	→	Next Item
	→	Record 0	→	Next Item
	→	Record N	→	Next Item

Shape Sizes: Item 5

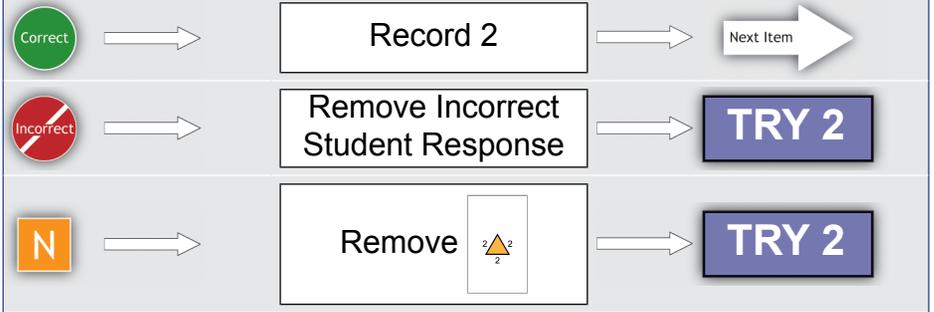
Setup



Script

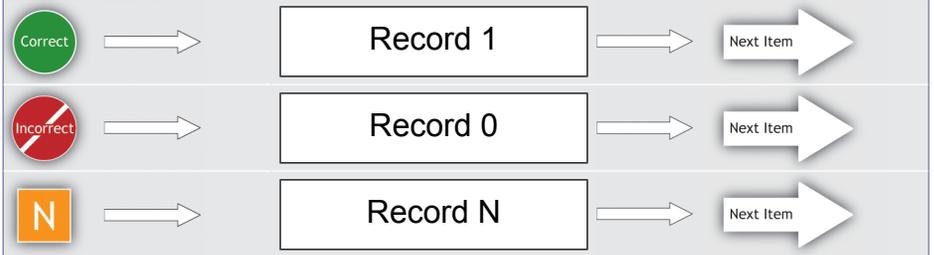
Say: **Tell (show) me, which shape has twice the length, width, and height of this triangle** (indicate the 1-inch by 2-inch by 2-inch triangle): **this** (indicate the equilateral triangle), **this** (indicate the 2-inch by 4-inch by 4-inch isosceles triangle), **or this** (indicate the 1-inch by 3-inch by 3-inch isosceles triangle)?

TRY 1



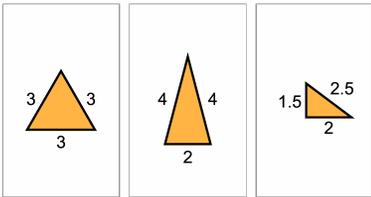
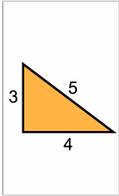
TRY 2

Tell (show) me, which shape has twice the length, width, and height of this triangle: (indicate each remaining option)?



Shape Sizes: Item 6

Setup



Script

Say: **Tell (show) me, which shape has half the length, width, and height of this triangle** (indicate the 3-inch by 4-inch by 5-inch right triangle): **this** (indicate the equilateral triangle), **this** (indicate the isosceles triangle), **or this** (indicate the 1.5-inch by 2-inch by 2.5-inch right triangle)?

TRY 1

	→	Record 2	→	Next Item
	→	Remove Incorrect Student Response	→	TRY 2
	→	Remove	→	TRY 2

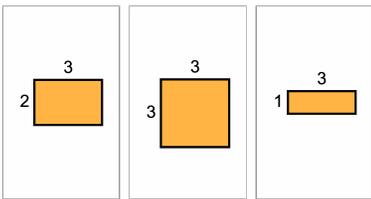
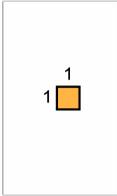
TRY 2 *Tell (show) me, which shape has half the length, width, and height of this triangle:* (indicate each remaining option)?

	→	Record 1	→	Next Item
	→	Record 0	→	Next Item
	→	Record N	→	Next Item

Mathematics Task 1:

Shape Sizes: Item 7

Setup



Script

Say: **Tell (show) me, which shape has three times the length and width of this square** (indicate the 1-inch square): **this** (indicate the 2-inch by 3-inch rectangle), **this** (indicate the 3-inch by 3-inch square), **or this** (indicate the 1-inch by 3-inch rectangle)?

At the completion of the task, say: **We're finished working with different shapes.**

TRY 1

	→	Record 2	→	Next Item
	→	Remove Incorrect Student Response	→	TRY 2
	→	Remove 	→	TRY 2

TRY 2 *Tell (show) me, which shape has three times the length and width of this square:* (indicate each remaining option)?

	→	Record 1	→	Next Item
	→	Record 0	→	Next Item
	→	Record N	→	Next Item

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