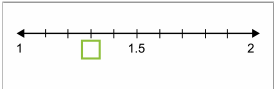


Mathematics Task 1: Real Numbers

Materials and Setup

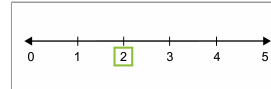
Item 1

1.3



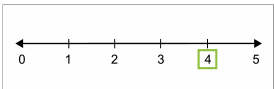
Item 2

1.7



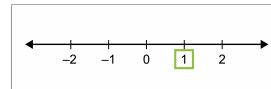
Item 3

4.3



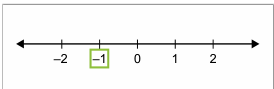
Item 4

1.39



Item 5

-1.25



Adaptive Instructions

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

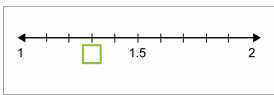
Access Limitations

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

Real Numbers: Item 1

Setup

1.3



Script

Say: *We're going to work with number lines.*

Say: *Here is a number line* (indicate the number line). *It runs from one* (indicate the 1 on the number line) *to two* (indicate the 2 on the number line).

Say: *Show (tell) me, where is one and three tenths on the number line* (indicate the 1.3 card): *here* (indicate the 1.3 on the number line), *here* (indicate the 1.5 on the number line), *or here* (indicate the 2 on the number line)?

TRY 1

	→	Record 2	→	Next Item
	→	Remove Incorrect Student Response	→	TRY 2
	→	Remove (skip) indicate the 1.5 on the number line.	→	TRY 2

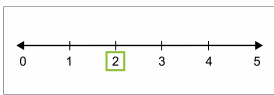
TRY 2 *Show (tell) me, where is one and three tenths on the number line* (indicate the 1.3 card): (indicate each remaining option in the original order of presentation)?

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

Real Numbers: Item 2

Setup

1.7



Script

Say: **Here is a different number line** (indicate the number line). **It runs from zero** (indicate the 0 on the number line) **to five** (indicate the 5 on the number line).

Say: **Show (tell) me, which number is one and seven tenths** (indicate the 1.7 card) **closest (nearest) to: this** (indicate the 2 on the number line), **this** (indicate the 1 on the number line), **or this** (indicate the 0 on the number line)?

TRY 1

	→	Record 2	→	Next Item
	→	Remove Incorrect Student Response	→	TRY 2
	→	Remove (skip) indicate the 0 on the number line.	→	TRY 2

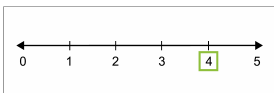
TRY 2 *Show (tell) me, which number is one and seven tenths* (indicate the 1.7 card) *closest (nearest) to:* (indicate each remaining option in the original order of presentation)?

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

Real Numbers: Item 3

Setup

4.3



Script

Say: **Show (tell) me, which number is four and three tenths** (indicate the 4.3 card) **closest (nearest) to: this** (indicate the 3 on the number line), **this** (indicate the 4 on the number line), **or this** (indicate the 5 on the number line)?

TRY 1

	→	Record 2	→	Next Item
	→	Remove Incorrect Student Response	→	TRY 2
	→	Remove (skip) indicate the 3 on the number line.	→	TRY 2

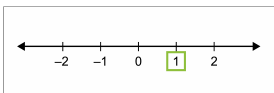
TRY 2 *Show (tell) me, which number is four and three tenths* (indicate the 4.3 card) *closest (nearest) to:* (indicate each remaining option in the original order of presentation)?

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

Real Numbers: Item 4

Setup





1.39









Script

Say: **Show (tell) me, which number is one and thirty-nine hundredths** (indicate the 1.39 card) **closest (nearest) to: this** (indicate the -1 on the number line), **this** (indicate the 1 on the number line), **or this** (indicate the 2 on the number line)?

TRY 1

	→	Record 2	→	Next Item 
	→	Remove Incorrect Student Response	→	TRY 2
	→	Remove (skip) indicate the -1	→	TRY 2

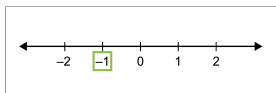
TRY 2 *Show (tell) me, which number is one and thirty-nine hundredths* (indicate the 1.39 card) *closest (nearest) to:* (indicate each remaining option in the original order of presentation)?

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

Real Numbers: Item 5

Setup

-1.25






Script




Say: **Show (tell) me, which number is negative one and twenty-five hundredths** (indicate the -1.25 card) **closest (nearest) to: this** (indicate the -1 on the number line), **this** (indicate the 1 on the number line), **or this** (indicate the -2 on the number line)?

At the completion of the task say: **We're finished working with number lines.**

TRY 1

	→	Record 2	→	Next Item
	→	Remove Incorrect Student Response	→	TRY 2
	→	Remove (skip) indicate the 1 on the number line.	→	TRY 2

TRY 2 *Show (tell) me, which number is negative one and twenty-five hundredths* (indicate the -1.25 card) *closest (nearest) to:* (indicate each remaining option in the original order of presentation)?

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

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