

Discourse-Based Lesson Guide



THINK

Make sense of the problem

*What is a marble?
(size, shape, material)*

What is a jar?

Solve and support your thinking

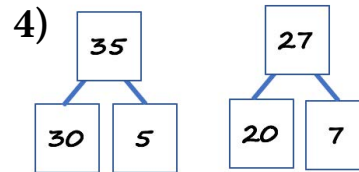
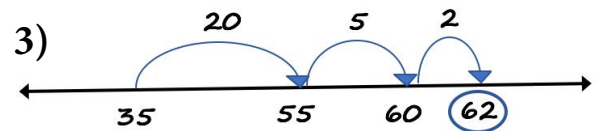
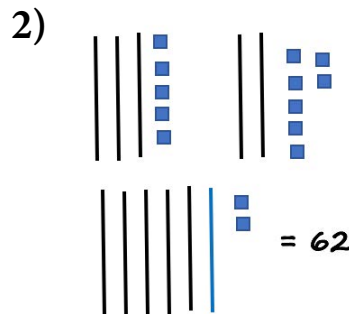
Possible error: Students may forget to regroup the tens.

SHARE

Anticipate, select, and sequence student solution strategies

1)

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



5)

$$30 + 20 = 50$$

$$5 + 7 = 12$$

$$50 + 12 = 62$$

$$50 + 10 + 2 = 62$$

Questions and sentence starters for whole class and partner discussions

I started the problem by...

What questions do you have about your partner's strategy?

COMPARE

Make connections between representations and strategies

Strategies to connect:

- **Strategies 1 and 2 connect:**

Start at 35; Jump 20, go to the next 10, add 2 "leftovers"

- **Strategies 2, 4 and 5 connect:**

Group tens and group ones together. Regroup 10 ones and 1 ten.

Apply It: Connect what students have learned to new problems

Try egg problem using two strategies, one that may be new to you.