



Printables for “Bead cards (addition strategies)”

KNPIG ID # A 3341.5 – PINK

This file contains printables for two students or a small group of students.

For each additional pair of students print 1 new activity file.

- Instructional Page - Bead Cards
- Bead Cards: Set A (Black & White) – Bead rack arrangements of 15 to 26 beads with numerals. -12 Bead Cards in total.
- Bead Cards: Set C (Black & White) – Spatial Patterns with 9, 10, 11, & 20 beads with numerals. - 8 Bead Cards in total.
- Bead Cards: Set A (Colored) – Bead rack arrangements of 15 to 26 beads with numerals. -12 Bead Cards in total.
- Bead Cards: Set C (Colored) – Bead rack arrangements of 9, 10, 11, & 20 beads with numerals. - 8 Bead Cards in total.

Print EITHER the black and white set OR the color set.

To print just the black & white Bead Cards print pages 3- 7.

To print just the colored Bead Cards print pages 3 - 12.

It is recommended that the Bead Cards sets be printed on different colored card stock. This helps to keep individual sets separate from the others.

Teacher Note: Look for strategies that show the student is using composite strategies, such as adding 11 as 10 and 1 more. Initially the 9 & 11 cards may be omitted, so that students can gain experience with adding "a ten" or "two tens". If images can be seen through the back of the card, place cards under a screen in lieu of turning face down.

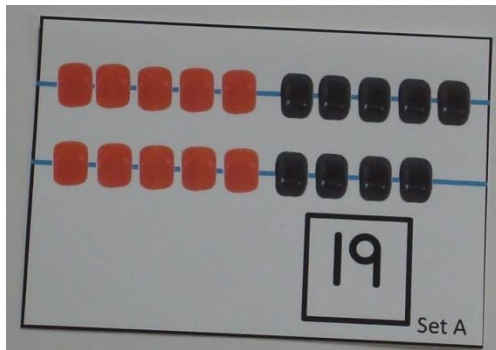
Bead cards

Before play:

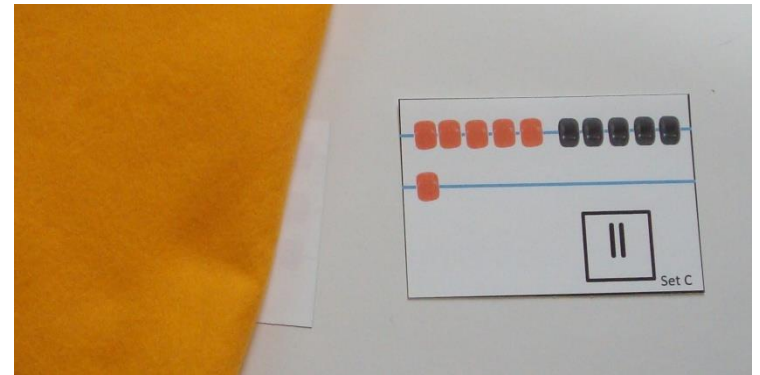
Print & cut apart Card Set A and Card Set C

During a turn:

(1) Student will draw 1 card from Set A (showing amounts 15 to 26), look at the card briefly and then turn card face-down or cover the card.



(2) The student will then draw a card from Set C (9, 10, 11 or 20) and will cover it after a brief glance. The student will then determine the sum.



Look for evidence the student is using composite strategies. For example, in the situation above a student might say “19... 29, 30”, indicating that the student first added 10 and then added one more.

15

Set A

16

Set A

17

Set A

18

Set A

19

Set A

20

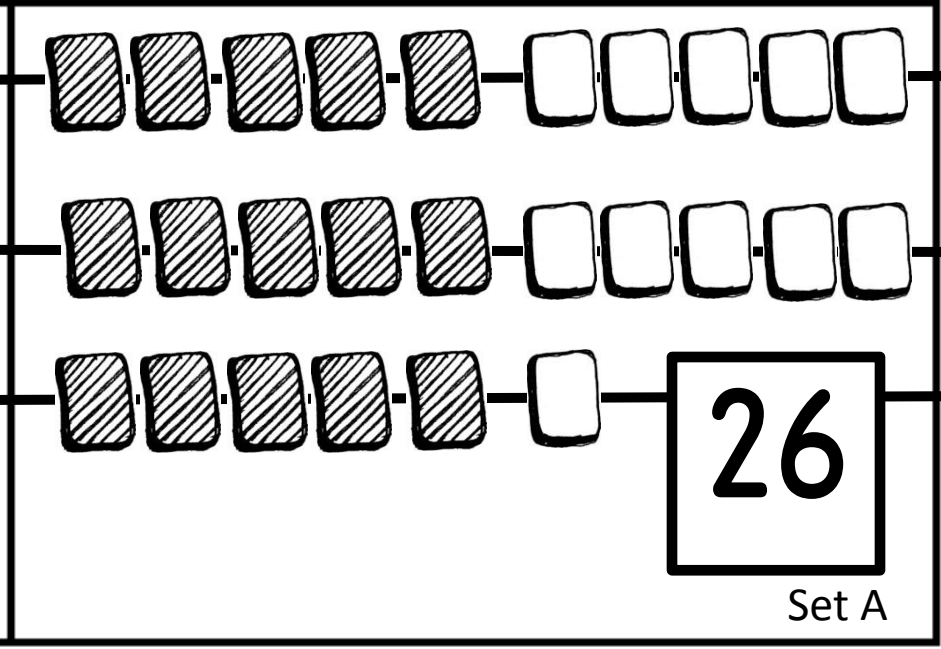
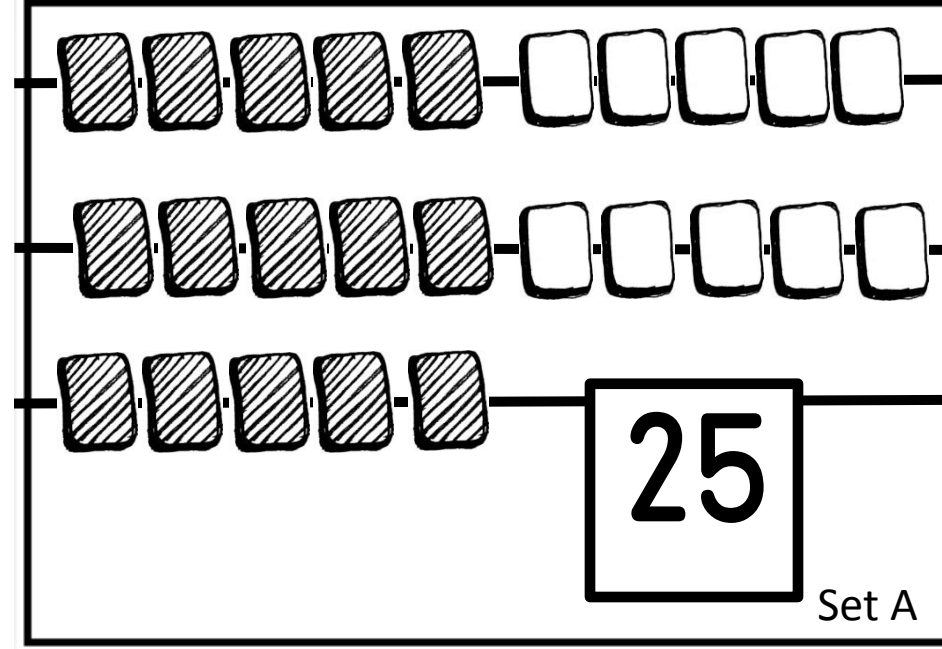
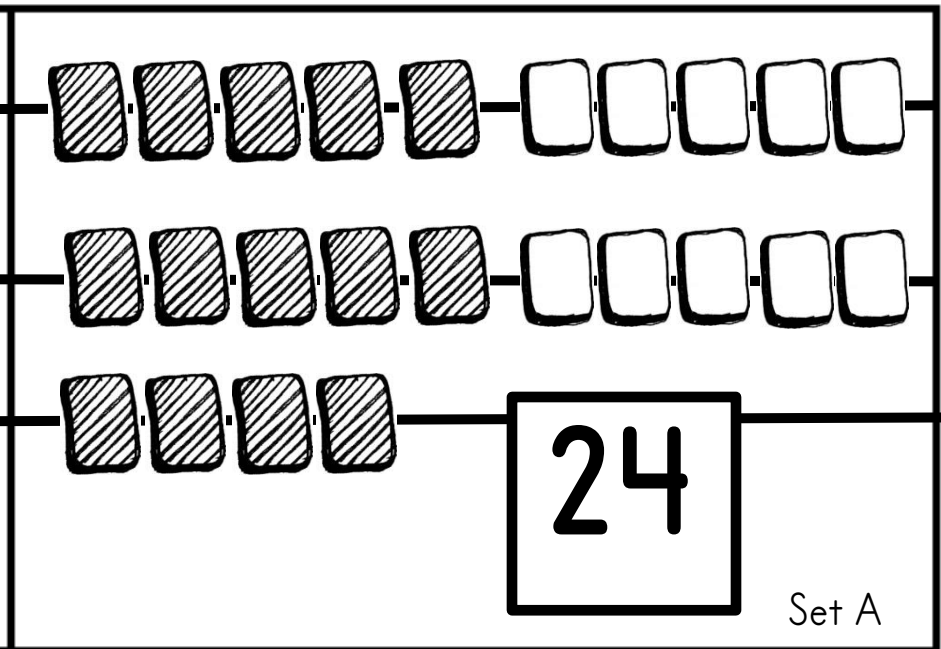
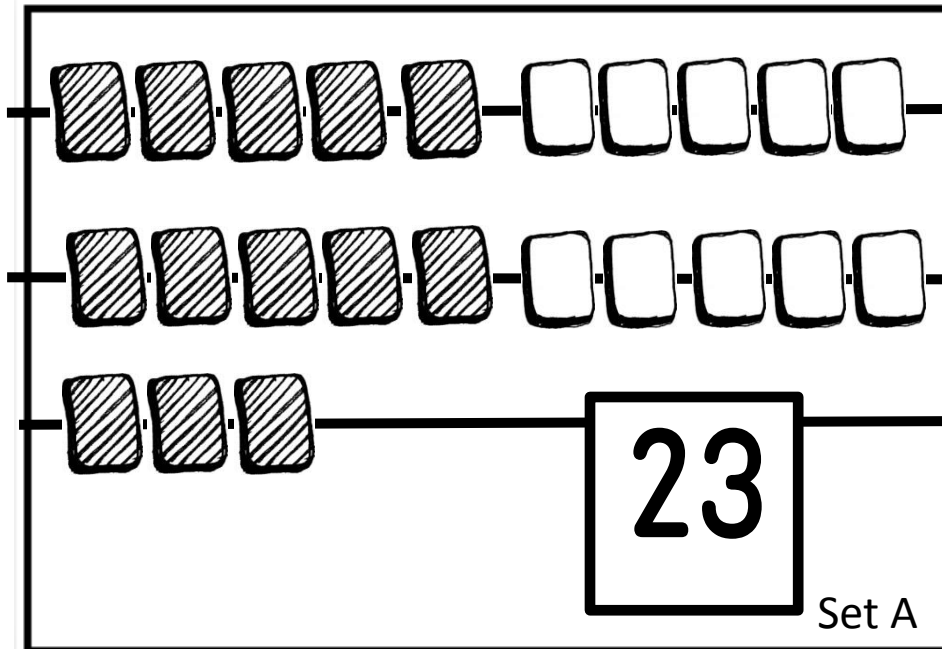
Set A

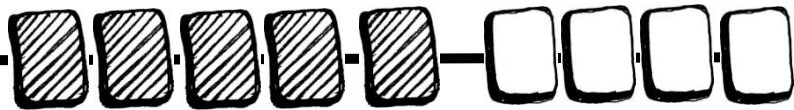
21

Set A

22

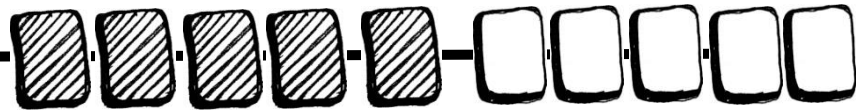
Set A





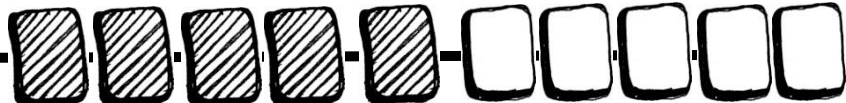
9

Set C



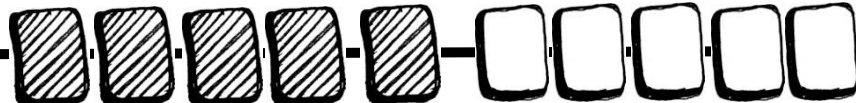
10

Set C



11

Set C



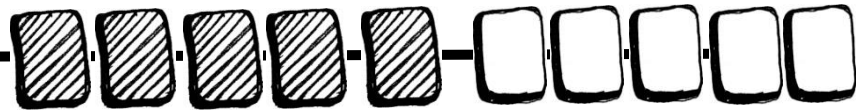
20

Set C



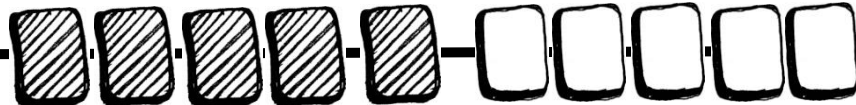
9

Set C



10

Set C

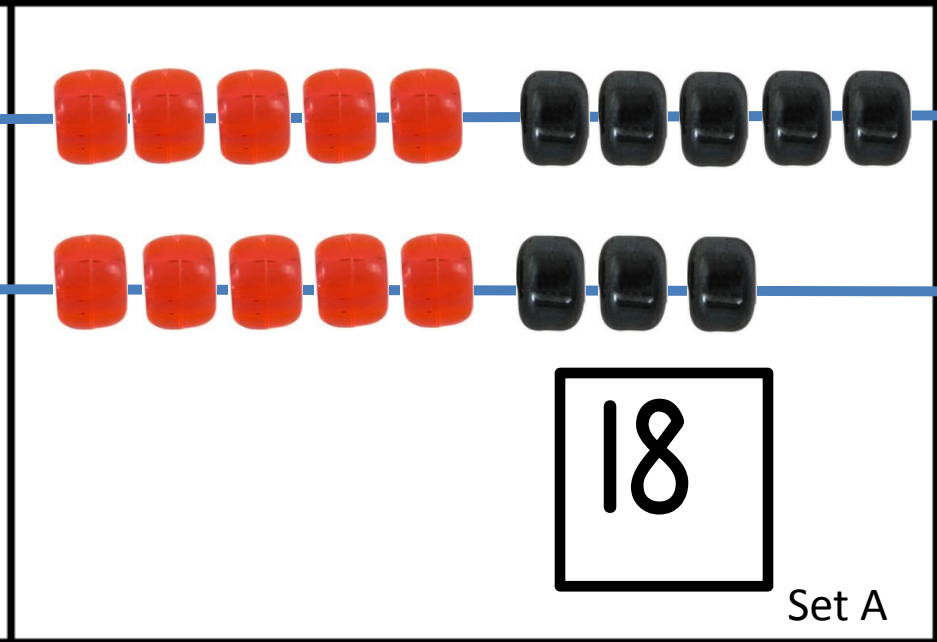
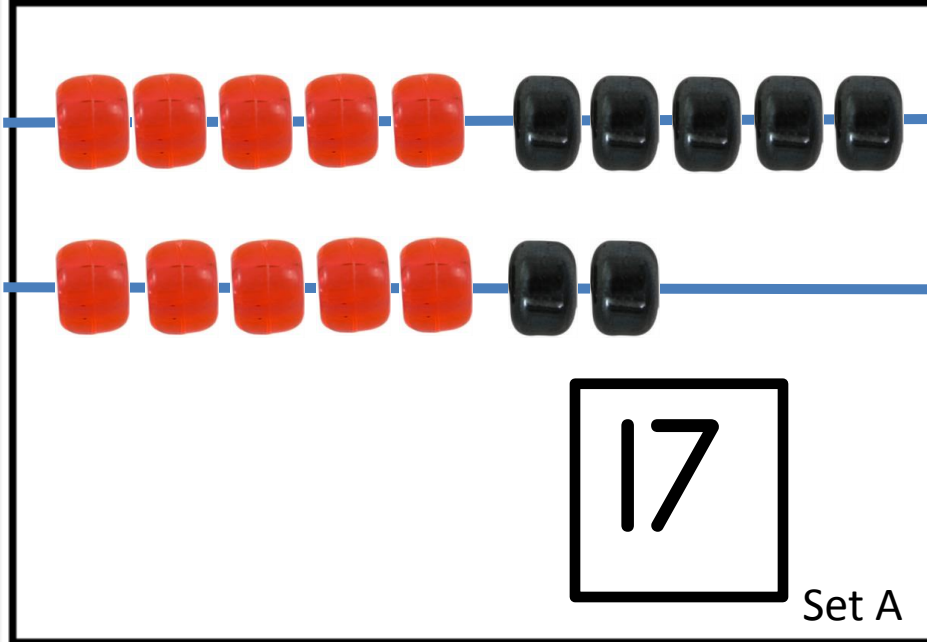
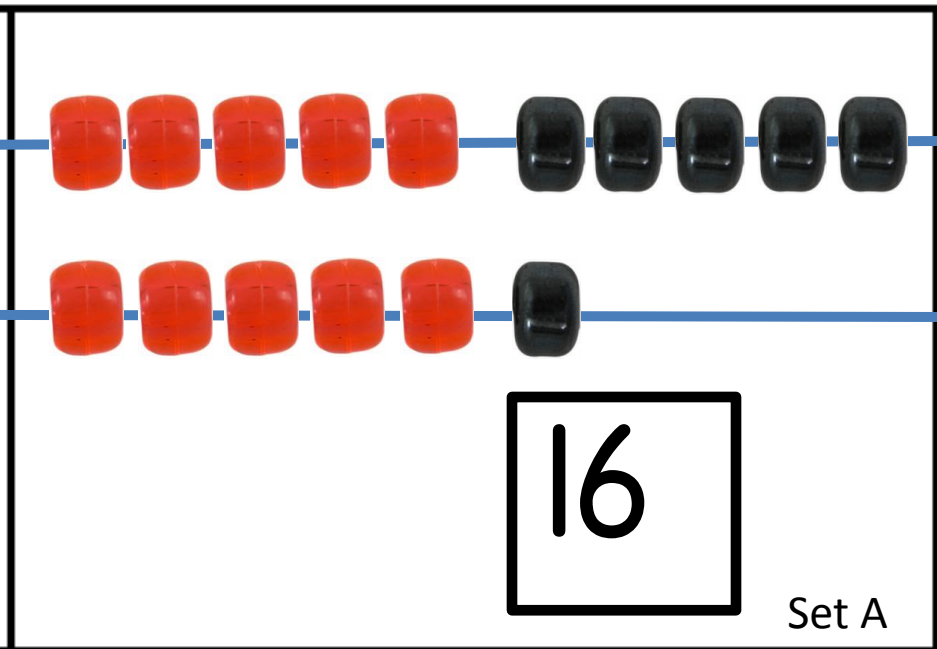
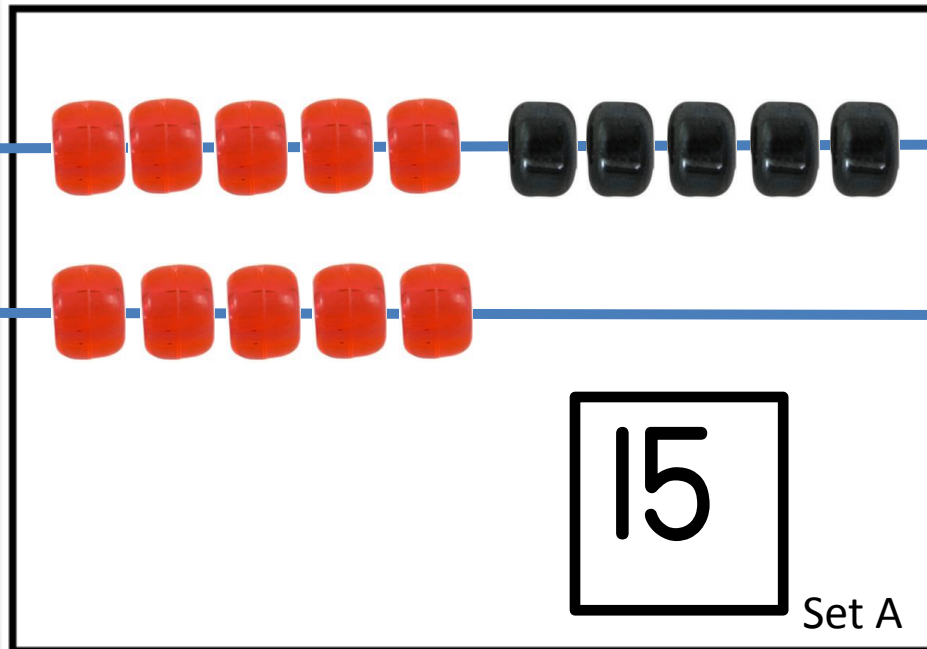


11

Set C

20

Set C



19

Set A

20

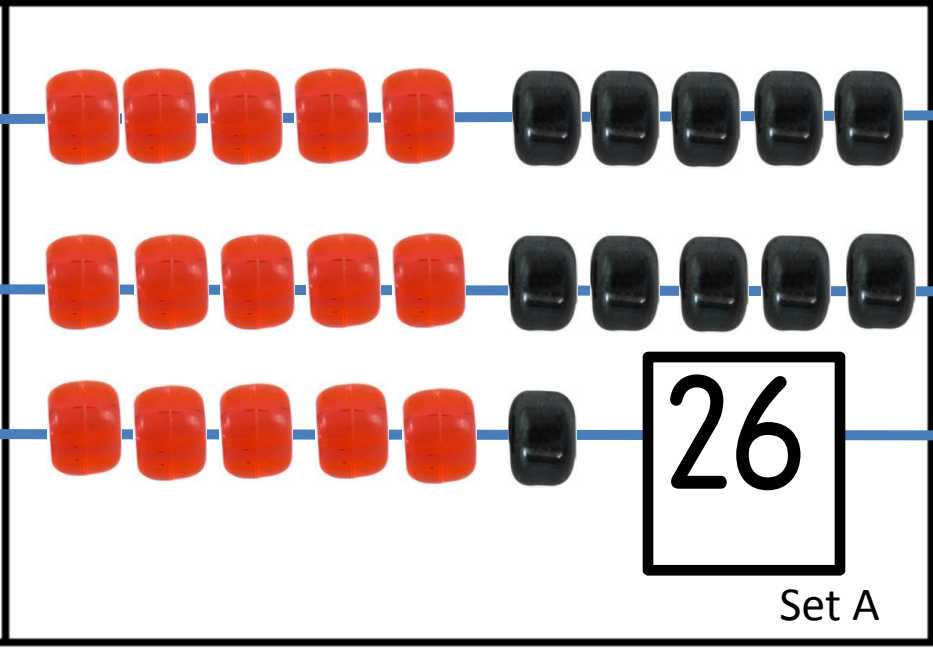
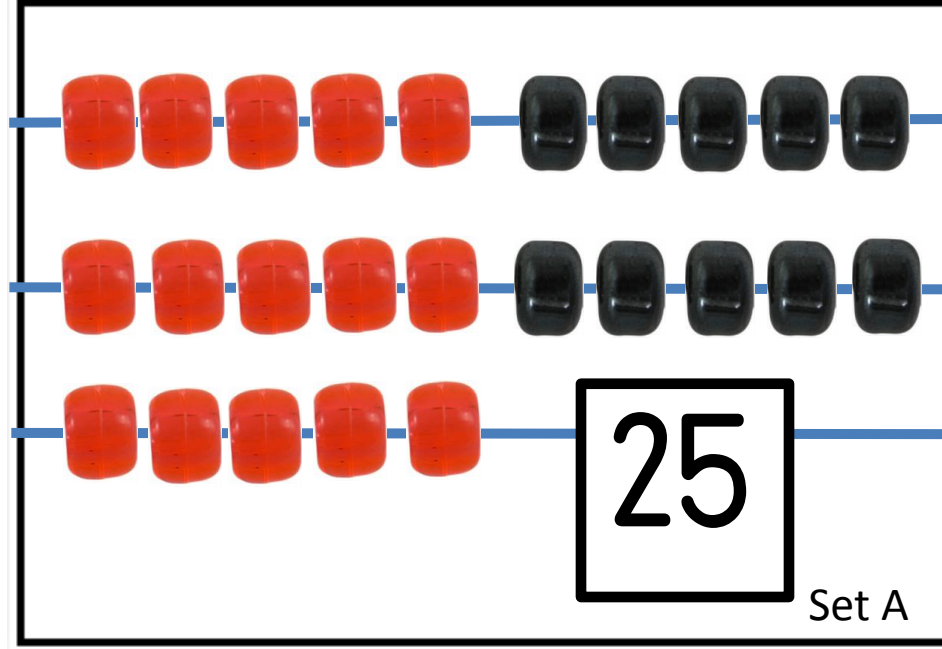
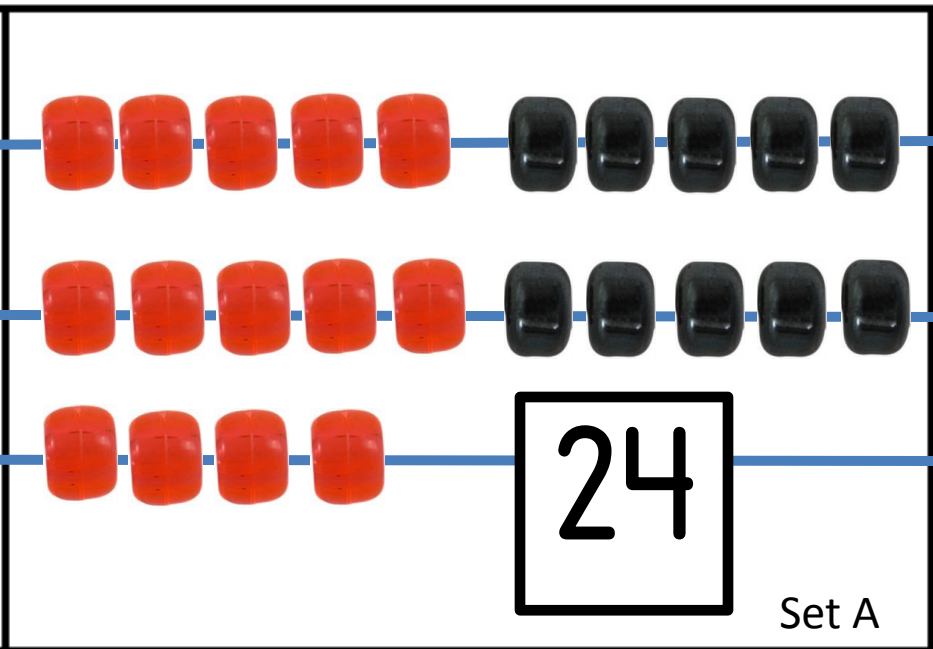
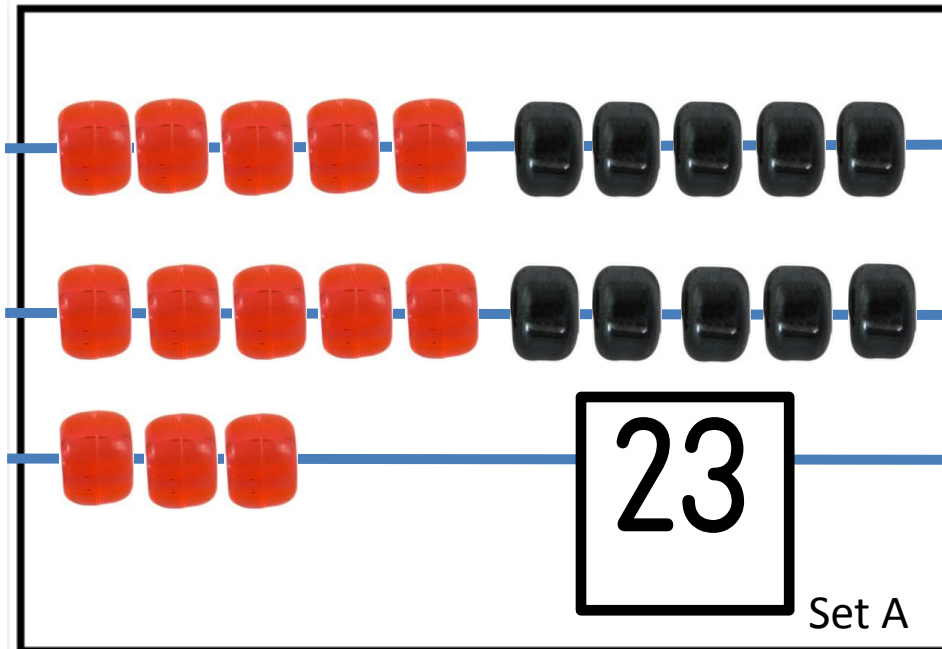
Set A

21

Set A

22

Set A





9

Set C



10

Set C



11

Set C



20

Set C



9

Set C



10

Set C



11

Set C



20

Set C

