

Graph Mark Makers

Teacher-led practice creating a picture graph and a bar-type graph from simple data.

1.8.B “use data to create picture and bar-type graphs; and”

NAME _____

DATE _____

Teacher: this page is run aloud. The script and answers are on the guide page.

1 PICTURE GRAPH



2 BAR GRAPH



HOW TO RUN THIS PAGE

Read each data set aloud, then have students make the marks in the blank spaces beside the matching shapes. Students turn each number of votes into picture marks first, then into connected bar units.

Students never read directions on this sheet. Read each part's script aloud, then each prompt, giving think time before students mark.

PART 1 • PICTURE GRAPH

SAY “Our data show that the circle choice got three votes and the triangle choice got five votes. In each blank space, can you draw one small circle for each vote to make a picture graph?”

- Box 1 (beside circle): ○○○
- Box 2 (beside triangle): ○○○○○

PART 2 • BAR GRAPH

SAY “Our data show that the star choice got four votes and the oval choice got two votes. In each blank space, can you draw one connected row of small squares, one square for each vote, to make a bar graph?”

- Box 1 (beside star): ■■■■
- Box 2 (beside oval): ■■

WHAT TO ACCEPT

Accept 3 picture circles beside the circle and 5 beside the triangle. Accept a horizontal connected bar of 4 equal square units beside the star and 2 equal square units beside the oval.