Choose the best graph worksheet – Grade 5

Grade 5 · Mixed level · 20 questions · **Version X8320**

Name: _____ Date: _____ Score: ___ / 20

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1. Which graph is best for showing the water level in a pond over a month?
   A. Line graph **B.** Bar graph **C.** Circle graph **D.** Line plot
2. Which graph is best for showing how a pizza was shared out?
   A. Line graph **B.** Bar graph **C.** Circle graph **D.** Line plot
3. Noah wants to display the height of a sunflower over a month. Which graph should Noah use?
   A. Line graph **B.** Bar graph **C.** Circle graph **D.** Line plot
4. Pick the best graph for this data: how a family spends its money each month.
   A. Line graph **B.** Bar graph **C.** Circle graph **D.** Line plot
5. Maya wants to display the lengths of 20 leaves. Which graph should Maya use?
   A. Line graph **B.** Bar graph **C.** Circle graph **D.** Line plot
6. Chloe wants to display the temperature over a week. Which graph should Chloe use?
   A. Line graph **B.** Bar graph **C.** Circle graph **D.** Line plot
7. Arjun wants to display the populations of four towns. Which graph should Arjun use?
   A. Line graph **B.** Bar graph **C.** Circle graph **D.** Line plot
8. Sofia says a line plot suits the number of goals in each of 15 games. Is Sofia right?
   A. Yes **B.** No
9. Zara says a line graph suits the temperature over a week. Is Zara right?
   A. Yes **B.** No
10. Amara says a bar graph suits the number of books read by four friends. Is Amara right?
    A. Yes **B.** No
11. Chloe says a line plot suits the marks on a short quiz. Is Chloe right?
    A. Yes **B.** No

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12. Omar says a circle graph suits how a pizza was shared out. Is Omar right?
    A. Yes **B.** No

13. Arjun says a line graph suits the height of a sunflower over a month. Is Arjun right?
    A. Yes **B.** No

14. Hana says a bar graph suits favourite colours in a class. Is Hana right?
    A. Yes **B.** No

15. Which graph would you use for how a family spends its money each month, and why?
    A. Line graph: it shows change over time. **B.** Bar graph: it compares separate groups.
    C. Circle graph: it shows parts of one whole.
    D. Line plot: it shows how a set of numbers is spread out.

16. Which graph would you use for the fraction of a day spent on each activity, and why?
    A. Line graph: it shows change over time. **B.** Bar graph: it compares separate groups.
    C. Circle graph: it shows parts of one whole.
    D. Line plot: it shows how a set of numbers is spread out.

17. Which graph would you use for the temperature over a year, and why?
    A. Line graph: it shows change over time. **B.** Bar graph: it compares separate groups.
    C. Circle graph: it shows parts of one whole.
    D. Line plot: it shows how a set of numbers is spread out.

18. Which graph would you use for the lengths of 20 leaves, and why?
    A. Line graph: it shows change over time. **B.** Bar graph: it compares separate groups.
    C. Circle graph: it shows parts of one whole.
    D. Line plot: it shows how a set of numbers is spread out.

19. Which graph would you use for the shoe sizes of a class, and why?
    A. Line graph: it shows change over time. **B.** Bar graph: it compares separate groups.
    C. Circle graph: it shows parts of one whole.
    D. Line plot: it shows how a set of numbers is spread out.

20. Which graph would you use for the water level in a pond over a week, and why?
    A. Line graph: it shows change over time. **B.** Bar graph: it compares separate groups.
    C. Circle graph: it shows parts of one whole.
    D. Line plot: it shows how a set of numbers is spread out.

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Answer key · Version X8320

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1. **A (Line graph)**
2. **C (Circle graph)**
3. **A (Line graph)**
4. **C (Circle graph)**
5. **D (Line plot)**
6. **A (Line graph)**
7. **B (Bar graph)**
8. **A (Yes)**
9. **A (Yes)**
10. **A (Yes)**
11. **A (Yes)**
12. **A (Yes)**
13. **A (Yes)**
14. **A (Yes)**
15. **C (Circle graph: it shows parts of one whole.)**
16. **C (Circle graph: it shows parts of one whole.)**
17. **A (Line graph: it shows change over time.)**
18. **D (Line plot: it shows how a set of numbers is spread out.)**
19. **D (Line plot: it shows how a set of numbers is spread out.)**
20. **A (Line graph: it shows change over time.)**

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