Circle graphs: percents and degrees worksheet – Grade 6

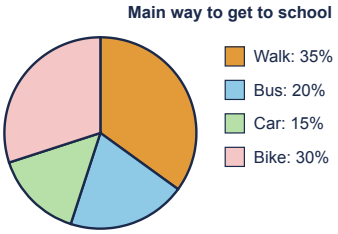
Grade 6 · Mixed level · 20 questions · **Version X5509**

Name: _____ Date: _____ Score: ___ / 20

Scan to check answers + earn stars

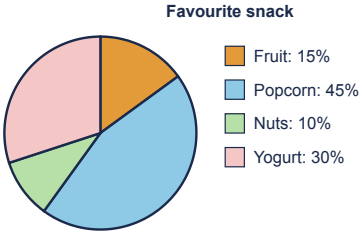
Done the worksheet? Scan the code (or enter version X5509 on this skill's page at themathmeridian.com) to check your answers online and earn stars.

1. What percent chose Walk or Bus?



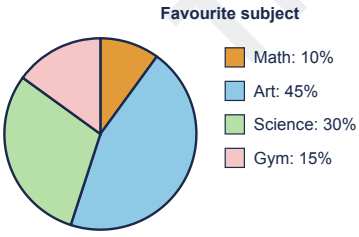
Answer: _____

2. What fraction chose Yogurt? Write it in lowest terms.



Answer: _____

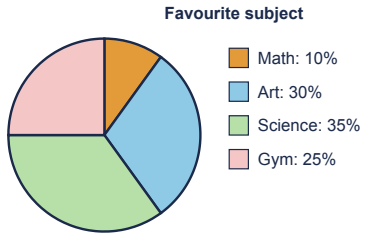
3. 200 students were asked. How many chose Gym?



Answer: _____

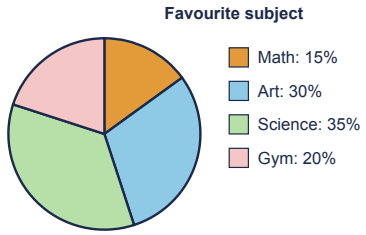
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4. How many degrees are in a full circle?



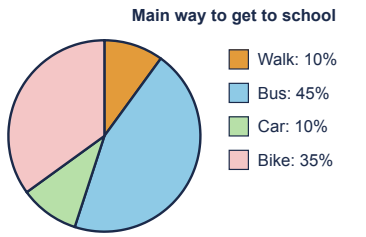
Answer: _____ °

5. How many degrees are in a full circle?



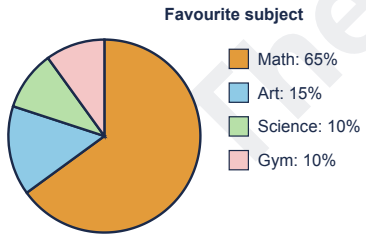
Answer: _____ °

6. What fraction chose Car? Write it in lowest terms.



Answer: _____

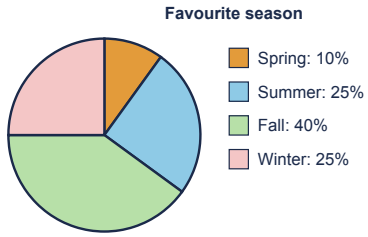
7. What percent chose Gym or Math?



Answer: _____

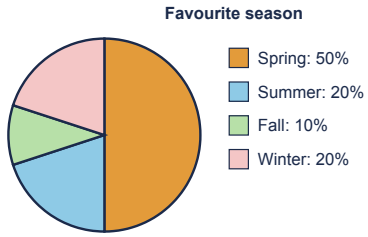
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8. What is the angle of the Winter sector in degrees?



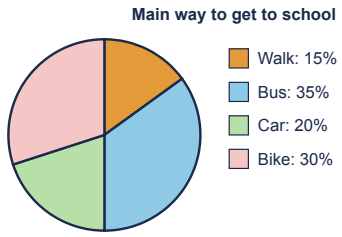
Answer: _____ °

9. How many degrees bigger or smaller is Spring than Summer? Give the size of the difference.



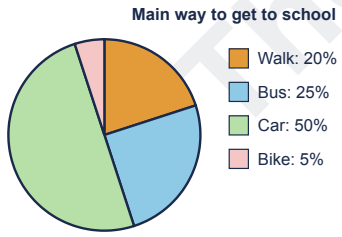
Answer: _____ °

10. 700 students chose Bus. How many students were asked?



Answer: _____

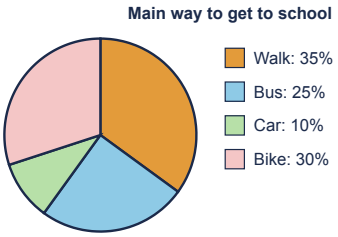
11. 1800 students were asked. How many more chose Walk than Bike?



Answer: _____

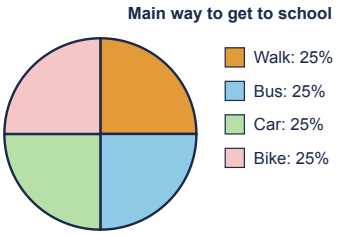
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12. Find the angle of the Car sector in degrees.



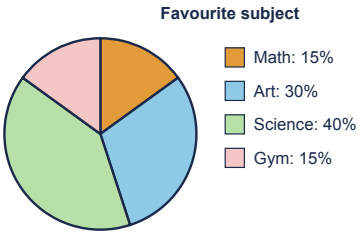
Answer: _____ °

13. Work out the angle of the Bus sector in degrees.



Answer: _____ °

14. 720 students chose Art. How many students were asked?



Answer: _____

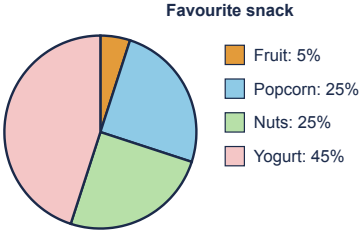
15. A sector is 180° of a circle graph showing 200 people. How many people is that?

Answer: _____

16. Three sectors measure 144°, 54° and 54°. What is the angle of the fourth sector, in degrees?

Answer: _____ °

17. What is the angle of the sector for those who did not choose Nuts, in degrees?



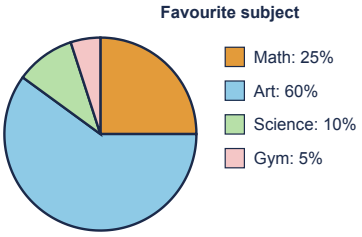
Answer: _____ °

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18. A sector has an angle of 180°. What percent of the circle is that?

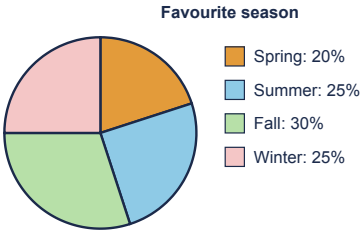
    Answer: _____

19. Find the angle of the sector for those who did not choose Gym, in degrees.



    Answer: _____ °

20. Work out the angle of the sector for those who did not choose Fall, in degrees.



    Answer: _____ °

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Answer key · Version X5509

Circle graphs: percents and degrees worksheet – Grade 6 · Grade 6 · to reprint this sheet or check the answers, enter X5509 on the skill page.

1. **55%**
2. **3/10**
3. **30**
4. **360**
5. **360**
6. **1/10**
7. **75%**
8. **90**
9. **108**
10. **2000**
11. **270**
12. **36**
13. **90**
14. **2400**
15. **100**
16. **108**
17. **270**
18. **50%**
19. **342**
20. **252**

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