

Choose one or both of the sets of sums and work out all the answers.

On the diagram opposite colour each area which contains one of the answers.

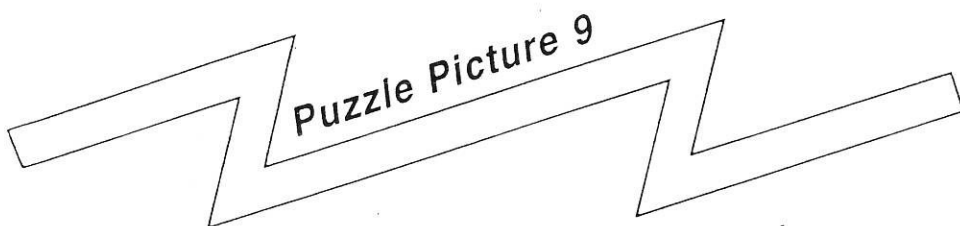
What do you see?



### First Set

Simplify these fractions as much as possible

- |                      |                       |                        |
|----------------------|-----------------------|------------------------|
| 1. $\frac{2}{6} =$   | 9. $\frac{8}{14} =$   | 17. $\frac{28}{32} =$  |
| 2. $\frac{6}{8} =$   | 10. $\frac{16}{30} =$ | 18. $\frac{50}{100} =$ |
| 3. $\frac{2}{8} =$   | 11. $\frac{20}{48} =$ | 19. $\frac{70}{120} =$ |
| 4. $\frac{10}{15} =$ | 12. $\frac{21}{27} =$ | 20. $\frac{36}{64} =$  |
| 5. $\frac{6}{15} =$  | 13. $\frac{3}{36} =$  | 21. $\frac{24}{30} =$  |
| 6. $\frac{3}{18} =$  | 14. $\frac{18}{20} =$ | 22. $\frac{25}{30} =$  |
| 7. $\frac{9}{15} =$  | 15. $\frac{21}{30} =$ | 23. $\frac{30}{100} =$ |
| 8. $\frac{3}{15} =$  | 16. $\frac{25}{40} =$ | 24. $\frac{48}{56} =$  |



### Second Set

Simplify these fractions as much as possible

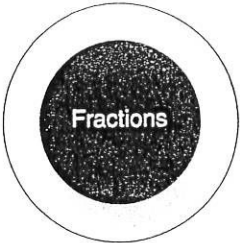
- |                      |                        |                         |
|----------------------|------------------------|-------------------------|
| 1. $\frac{4}{8} =$   | 9. $\frac{18}{30} =$   | 17. $\frac{72}{84} =$   |
| 2. $\frac{5}{20} =$  | 10. $\frac{48}{60} =$  | 18. $\frac{65}{104} =$  |
| 3. $\frac{6}{30} =$  | 11. $\frac{56}{64} =$  | 19. $\frac{240}{360} =$ |
| 4. $\frac{42}{60} =$ | 12. $\frac{54}{60} =$  | 20. $\frac{64}{120} =$  |
| 5. $\frac{12}{21} =$ | 13. $\frac{60}{72} =$  | 21. $\frac{108}{192} =$ |
| 6. $\frac{18}{24} =$ | 14. $\frac{50}{125} =$ | 22. $\frac{234}{780} =$ |
| 7. $\frac{4}{12} =$  | 15. $\frac{60}{360} =$ | 23. $\frac{19}{228} =$  |
| 8. $\frac{21}{36} =$ | 16. $\frac{63}{81} =$  | 24. $\frac{105}{252} =$ |



The answers of both sets of sums are the same, but not in the same order.



# Puzzle Picture 9



1/10, 3/11, 2/13, 4/19, 5/13, 10/11, 7/22, 1/10, 3/10, 8/23, 9/15, 5/12, 8/15, 6/25, 1/13, 1/12, 1/3, 2/5, 2/5, 9/16, 4/7, 2/11, 7/12, 3/8, 4/21, 3/5, 5/8, 7/19, 7/10, 7/30, 7/9, 4/15, 3/4, 8/11, 8/31, 1/23, 9/10, 5/7, 4/5, 6/19, 7/25, 5/6, 8/19, 9/11, 1/21, 2/9, 5/9, 3/7, 8/25, 4/11, 7/11, 8/29, 5/14, 7/8, 9/13, 6/7, 8/27, 7/13, 1/8, 5/19, 1/7, 10/11, 1/8, 8/13, 1/5, 1/19, 1/6, 8/9, 10/13, 1/9, 8/29, 1/19, 1/4, 2/7, 1/2, 5/14, 4/9, 4/15, 3/11, 1/23, 6/25, 9/11, 7/13, 8/25, 1/21.