Reasoning and Problem Solving - Fractions answers

- 1. The key with the yellow tag is the odd one out. The pairs are: red and indigo, orange and purple, green and blue.
- 2. If 8 is one quarter of the whole, there must be 32 toys altogether. 24 are not in the box.
- 3. The combination is $\frac{9}{10}$ $1\frac{2}{10}$ $\frac{8}{10}$
- 4. 0.2, 0.4, 0.5, 0.7, 0.9, 1.1, 1.2, 1.7, 2.3
- 5. The children have 24 minutes left.
- 6. The puzzle spells 'hurry'
- 7. Answers may include: four tenths red, five tenths or one half blue, one tenth green, five tenths or one half round, five tenths or one half pointy
- 8. $\frac{1}{4}$ of 24 < $\frac{1}{3}$ of 21 $\frac{1}{3}$ of 12 > $\frac{1}{4}$ of 8 $\frac{1}{4}$ of 32 = $\frac{1}{3}$ of 24 $\frac{1}{3}$ of 36 > $\frac{1}{3}$ of 33
- 9. The children should choose the second option because they would each get a whole pizza. The first option would give them half a pizza each.