**Ratio**

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| **Literacy**Learn the key wordsRatio, unit, simplify, divide | **Research**What is the golden ratio? | **Memory**Memorise how to find a Highest Common Factor  |
| **Skills**1. It rains on 15 days in January, write the ratio of rainy days to dry days
2. Simplify a) 3:9 b) 6:15 c) 14:21 d) 15:35
3. Share £60 in the ratio 5:7
4. Share £100 in the ratio 2:3
5. Share 64 in the ratio 3:5
6. In a day the ratio of being awake to sleeping is 4:2. How long do you sleep for?
 | **Stretch**1. Billy and Sarah share money in the ratio 5:8. Billy gets £40 how much does Sarah get?
2. The ratio of boys to girls in a school is 24:31. There are 496 girls, how many pupils are in the school?
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