**Ratio**

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| **Literacy**  Learn the key words  Ratio, 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? |