

Week 13: White Rose Home Learning

For each lesson this week, except Friday, you will need to watch the relevant video, and stop it occasionally, to answer questions from the activity worksheet. You can now access each day's video from the link provided. To access the daily worksheet simply click on the appropriate file on our school website.

- **Get ready:** Click open today's activity worksheet – for example Monday Maths. If you are unable to print off the worksheet, simply write the answers in your book.
- **Get set:** Click on the video link provided and watch until it tells you to stop watching.
- **Go:** Answer the questions from the worksheet. You can write the answers into your home learning book; no need to print anything out. Then continue watching the video.
- Once finished, **check your answers** by clicking the appropriate file, for example Monday Maths Answers.
- Daily extensions are provided on the next few pages.

Monday - Lesson 1: Understanding percentages

Click here to watch the video: <https://vimeo.com/428001381>

Tuesday - Lesson 2: Percentages as fractions and decimals

Click here to watch the video: <https://vimeo.com/428001420>

Wednesday - Lesson 3: Adding decimals with the same number of decimal places

Click here to watch the video: <https://vimeo.com/428001477>

Thursday - Lesson 4: Adding decimals with different number of decimal places

Click here to watch the video: <https://vimeo.com/428001528>

Friday – Matching Game. Simply go to:

<https://mathsframe.co.uk/en/resources/resource/120/match-fractions-decimals-and-percentages>

Instructions:

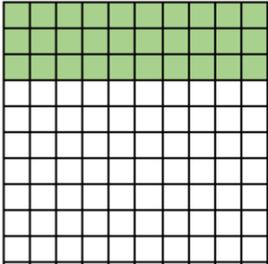
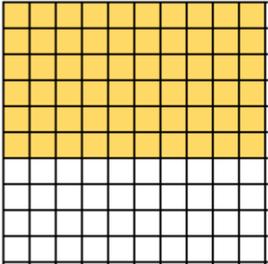
1. Click - Play Game
2. Select any level.
3. Play the next higher level.

Challenge: Choose more than two levels.

Daily extensions



Green Monday

<p>1a. Match the grid to the correct percentage.</p>  <p>40%</p> <p>50%</p> <p>30%</p> <p> VF</p>	<p>1b. Match the grid to the correct percentage.</p>  <p>50%</p> <p>60%</p> <p>70%</p> <p> VF</p>
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Green Tuesday

<p>1a. There are 100 glue sticks in a box.</p> <p>Year 5 takes $\frac{20}{100}$ of the glue sticks. Year 3 takes 40% of the glue sticks.</p>  <p>How many does each year group have? How many are left in the box? What percentage is this?</p> <p> PS</p>	<p>1b. There are 100 marbles in a jar.</p> <p>Alice takes $\frac{40}{100}$ of the marbles. Cian takes 40% of the marbles.</p>  <p>How many does each child have? How many are left in the jar? What percentage is this?</p> <p> PS</p>
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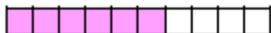
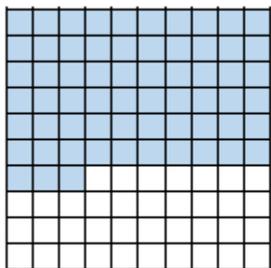
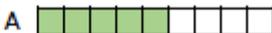
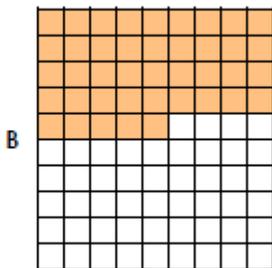
Green Wednesday

<p>2a. Convert the fractions and decimals below into percentages.</p> <p>$\frac{45}{100}$ $\frac{48}{100}$ 0.04 $\frac{47}{100}$ 0.4</p> <p>Write the percentages in descending order.</p> <p> PS</p>	<p>2b. Convert the fractions and decimals below into percentages.</p> <p>0.5 $\frac{5}{100}$ $\frac{55}{100}$ $\frac{15}{100}$ 0.25</p> <p>Write the percentages in ascending order.</p> <p> PS</p>
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Green Thursday

<p>3a. Johnny and Alice are converting fractions and decimals into percentages.</p> <p> 0.05 as a percentage is 50%.</p> <p>Johnny</p> <p> $\frac{5}{100}$ as a percentage is 5%.</p> <p>Alice</p> <p>Who is correct? Explain how you know.</p> <p> R</p>	<p>3b. Isabel and Cian are converting fractions and decimals into percentages.</p> <p> 0.25 as a percentage is 25%.</p> <p>Isabel</p> <p> $\frac{25}{100}$ as a percentage is 25%.</p> <p>Cian</p> <p>Who is correct? Explain how you know.</p> <p> R</p>
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Pink Monday

<p>4a. Match the grids to their percentages.</p> <p>A  70%</p> <p>B  60%</p> <p>C  63%</p> <p> VF</p>	<p>4b. Match the grids to their percentages.</p> <p>A  40%</p> <p>B  50%</p> <p>C  45%</p> <p> VF</p>
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Pink Tuesday

<p>4a. There are 200 sweets in a jar.</p> <p>Lucy takes $\frac{3}{10}$ of the sweets. Alice takes 50% of the sweets.</p> <p></p> <p>How many does each child have? How many are left in the jar? What percentage is this?</p> <p> PS</p>	<p>4b. There are 100 pencils in a box.</p> <p>Class 5 takes $\frac{4}{10}$ of the pencils. Class 4 takes 25% of the pencils.</p> <p></p> <p>How many does each class have? How many pencils are left in the box? What percentage is this?</p> <p> PS</p>
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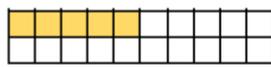
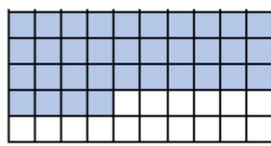
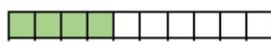
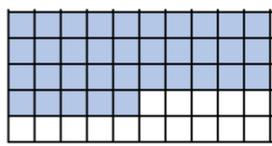
Pink Wednesday

<p>5a. Convert the fractions and decimals below into percentages.</p> <p style="text-align: center;"> $\frac{22}{200}$ $\frac{58}{100}$ 0.5 $\frac{30}{300}$ 0.15 </p> <p>Write the percentages in ascending order.</p> <p style="text-align: right;"><small>PS</small></p>	<p>5b. Convert the fractions and decimals below into percentages.</p> <p style="text-align: center;"> 0.7 $\frac{72}{100}$ $\frac{148}{200}$ $\frac{75}{300}$ 0.75 </p> <p>Write the percentages in descending order.</p> <p style="text-align: right;"><small>PS</small></p>
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Pink Thursday

<p>6a. Steph and Gabriel are converting fractions and decimals into percentages.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  Steph </div> <div style="border: 1px solid black; border-radius: 15px; padding: 5px; width: 150px;"> 0.07 as a percentage is 70%. </div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 20px;"> <div style="border: 1px solid black; border-radius: 15px; padding: 5px; width: 150px;"> $\frac{70}{100}$ as a percentage is 70%. </div> <div style="text-align: center;">  Gabriel </div> </div> <p>Who is correct? Explain how you know.</p> <p style="text-align: right;"><small>R</small></p>	<p>6b. Hannah and Sean are converting fractions and decimals into percentages.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  Hannah </div> <div style="border: 1px solid black; border-radius: 15px; padding: 5px; width: 150px;"> 0.5 as a percentage is 50%. </div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 20px;"> <div style="border: 1px solid black; border-radius: 15px; padding: 5px; width: 150px;"> $\frac{50}{200}$ as a percentage is 50%. </div> <div style="text-align: center;">  Sean </div> </div> <p>Who is correct? Explain how you know.</p> <p style="text-align: right;"><small>R</small></p>
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Purple Monday

<p>7a. Match the grids to their percentages.</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="text-align: center;"> <p>A</p>  </div> <div style="text-align: center;"> <p>68%</p> </div> </div> <div style="display: flex; justify-content: space-between; align-items: flex-start; margin-top: 20px;"> <div style="text-align: center;"> <p>B</p>  </div> <div style="text-align: center;"> <p>25%</p> </div> </div> <div style="display: flex; justify-content: space-between; align-items: flex-start; margin-top: 20px;"> <div style="text-align: center;"> <p>C</p>  </div> <div style="text-align: center;"> <p>40%</p> </div> </div> <p style="text-align: right;"><small>VF</small></p>	<p>7b. Match the grids to their percentages.</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="text-align: center;"> <p>A</p>  </div> <div style="text-align: center;"> <p>70%</p> </div> </div> <div style="display: flex; justify-content: space-between; align-items: flex-start; margin-top: 20px;"> <div style="text-align: center;"> <p>B</p>  </div> <div style="text-align: center;"> <p>60%</p> </div> </div> <div style="display: flex; justify-content: space-between; align-items: flex-start; margin-top: 20px;"> <div style="text-align: center;"> <p>C</p>  </div> <div style="text-align: center;"> <p>35%</p> </div> </div> <p style="text-align: right;"><small>VF</small></p>
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Purple Tuesday

<p>7a. There are 30 chocolate bars in one box and 20 in the other. Bill's Shop sells $\frac{5}{25}$ of the bars. Jack's Store sells 50% of the bars.</p>  <p>How many does each owner sell? How many are left to sell? What percentage is this?</p> <p> PS</p>	<p>7b. There are 125 sweets in each sweet jar. Sean and Ben take $\frac{1}{5}$ of the sweets each. Steph takes 24% of the sweets.</p>  <p>How many does each child have? How many sweets are left in the jars? What percentage is this?</p> <p> PS</p>
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Purple Wednesday

<p>8a. Convert the fractions and decimals below into percentages.</p> <p>$\frac{20}{25}$ $\frac{36}{50}$ 0.52 $\frac{96}{300}$ 0.75</p> <p>Write the percentages in descending order.</p> <p> PS</p>	<p>8b. Convert the fractions and decimals below into percentages.</p> <p>0.92 $\frac{180}{200}$ $\frac{48}{50}$ $\frac{22}{25}$ 0.8</p> <p>Write the percentages in ascending order.</p> <p> PS</p>
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Purple Thursday

<p>9a. Kelly and Josh are converting fractions and decimals into percentages.</p>  <p>Kelly: 0.36 as a percentage is 36%.</p>  <p>Josh: $\frac{9}{25}$ as a percentage is 36%.</p> <p>Who is correct? Explain how you know.</p> <p> R</p>	<p>9b. Lucy and Ben are converting fractions and decimals into percentages.</p>  <p>Lucy: 0.8 as a percentage is 8%.</p>  <p>Ben: $\frac{20}{25}$ as a percentage is 80%.</p> <p>Who is correct? Explain how you know.</p> <p> R</p>
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