

Homework/Extension

Step 17: Estimate Answers

National Curriculum Objectives:

Mathematics Year 3: (3C3) [Estimate the answer to a calculation and use inverse operations to check answers](#)

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

Developing Find the odd number out by using knowledge of estimating. Number line with start, end and middle marker given.

Expected Find the odd number out by using knowledge of estimating. Number line with start and end marker given.

Greater Depth Find the odd number out by using knowledge of estimating. No number line given.

Questions 2, 5 and 8 (Varied Fluency)

Developing Match given 2-digit numbers to their nearest number. Number line with start, end and middle marker given.

Expected Match given 3-digit numbers to their nearest number. Number line with start and end marker given.

Greater Depth Match given 3-digit numbers to their nearest number. No number line given.

Questions 3, 6 and 9 (Reasoning and Problem Solving)

Developing Explain a mistake made when using estimation. Number line with start, end and middle marker given.

Expected Explain a mistake made when using estimation. Number line with start and end marker given.

Greater Depth Explain a mistake made when using estimation. No number line given.

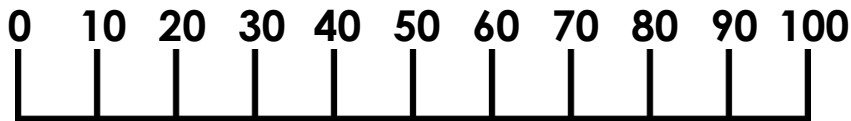
More [Year 3 Addition and Subtraction](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Estimate Answers

1. Fiona is finding near numbers. Tick the box that is the odd one out.

56 61 58 43



VF
HW/Ext

2. Match each 2-digit number to its nearest number.

18

57

82

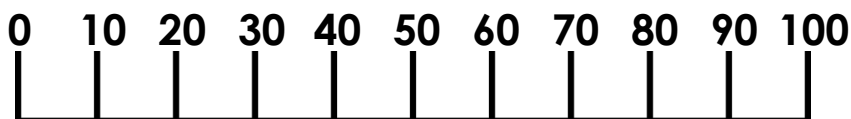
29

80

60

30

20



VF
HW/Ext

3. Do you agree with Jake? Explain your answer.



I have used the nearest numbers to estimate the answer to the calculation below.

47

+

31

=

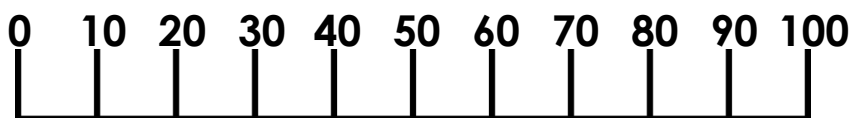
50

+

40

=

90



RPS
HW/Ext

Estimate Answers

4. Faruq is finding near numbers. Tick the box that is the odd one out.

686 723 634 702



VF
HW/Ext

5. Match each 3-digit number to its nearest number.

831

867

749

618

900

700

800

600



VF
HW/Ext

6. Do you agree with Kiran? Explain your answer.



I have used the nearest numbers to estimate the answer to the calculation below.

246

+

292

=

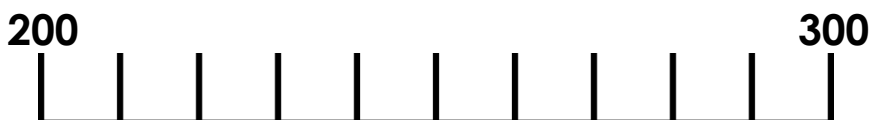
300

+

300

=

600



RPS
HW/Ext

Estimate Answers

7. Lena is finding near numbers. Tick the box that is the odd one out.

368 430 421

413 463 373



VF
HW/Ext

8. Match each 3-digit number to its nearest number.

678

232

157

873

230

870

680

160



VF
HW/Ext

9. Do you agree with Harriet? Explain your answer.



I have used the nearest numbers to estimate the answer to the calculation below.

461

+

148

=

460

+

140

=

600



RPS
HW/Ext

Homework/Extension

Estimate Answers

Developing

1. **43**
2. **18 – 20, 57 – 60, 82 – 80, 29 – 30**
3. **No, the nearest number to 31 is 30 not 40.**

Expected

4. **634**
5. **831 – 800, 867 – 900, 749 – 700, 618 – 600**
6. **No, the nearest number to 246 is 200 not 300.**

Greater Depth

7. **463**
8. **678 – 680, 232 – 230, 157 – 160, 873 – 870**
9. **No, the nearest number to 148 is 150 not 140.**