

# Homework 7E

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Due in:

1.  $403 \div 13$  (must show working)

3.  $\frac{3}{4} + \frac{2}{5}$

2.  $217 \times 33$

4.  $\frac{3}{7} \times \frac{2}{3}$

5.  $\frac{3}{5} \div \frac{1}{3}$

8. If 6 numbers have a mean of 7, and five of the numbers are 5, 4, 11, 7, and 6, what is the sixth number?

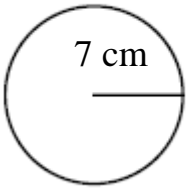
6.  $+6 \times -2$

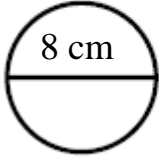
9. Calculate the mean from this frequency table.

x	5	6	7	8
f	3	7	4	4

7. 36 pupils are asked for their favourite football team and 35 say Chelsea. What angle would this be on a pie chart?

10. solve  $5x + 2 = 34$

11. Solve $4(2x + 1) = 34$	14. What is the probability of rolling an odd number on a fair 6 sided dice?
12. Make b the subject $a = \frac{4b + 3}{6}$	15. What is the area of this circle?  <p>A diagram of a circle with a center point. A radius is drawn from the center to the right edge of the circle, labeled '7 cm'.</p>
13. Convert 16 km to miles	16. Write 20 as a percentage of 80.

<p>17. What is the circumference of this circle?</p> 	<p>19. <math>5.2 \times 6</math> (show working)</p>
<p>18. After an increase of 25%, the shirt now cost £75, what was its original price?</p>	<p>20. What is <math>10^4</math>?</p>

Total:

