

CHECK-UP TEST | Number

Schofield & Sims

A Write in digits.

nine hundred and sixty	<u>960</u>	four thousand and six	<u>4006</u>	one point one nine	<u>1.19</u>
four hundred and eight	<u>408</u>	ten point one	<u>10.1</u>	twenty point zero two	<u>20.02</u>
eight thousand and seventy	<u>8070</u>	three point zero five	<u>3.05</u>		

B

$3000 + 500 + \square + 9 = 3569$	<u>60</u>	$7.0 + 0.5 + 0.01 =$	<u>7.51</u>
$6000 + \square + 80 + 1 = 6881$	<u>800</u>	$10.0 + 0.4 =$	<u>10.4</u>
$3 + 40 + 9000 = \square$	<u>9043</u>	$6.0 + 0.02 =$	<u>6.02</u>
$(1000 \times 4) + (100 \times 9) + (10 \times 3) = \square$	<u>4930</u>	$20.0 + 0.08 =$	<u>20.08</u>

C

$456 = \square$ tens + 6 units	<u>45</u> tens	Write as a decimal.	
$903 = \square$ tens + 3 units	<u>90</u> tens	one-tenth	<u>0.1</u>
$1875 = \square$ tens + 5 units	<u>187</u> tens	one-hundredth	<u>0.01</u>
$5102 = \square$ hundreds + 2 units	<u>51</u> hundreds	101 tenths	<u>10.1</u>
$9040 = \square$ hundreds + 4 tens	<u>90</u> hundreds	105 hundredths	<u>1.05</u>

D Write the value of the digit underlined.

<u>4</u> 67	<u>6</u> 0	<u>3</u> 751	<u>7</u> 00	32. <u>1</u> 4	<u>8</u> 65. <u>8</u>
<u>8</u> 479	<u>8</u> 000	20 <u>0</u> 8	<u>8</u>	10. <u>9</u> 5	40. <u>0</u> 6
3 <u>2</u> .5	<u>2</u>	1 <u>6</u> 0.2	<u>6</u> 0	0. <u>5</u> 6	20. <u>0</u> 2

E How many times smaller is

5 than 50	<u>10</u>	96 than 960	<u>10</u>	0.6 than 6.0	<u>10</u>	0.3 than 30	<u>100</u>
7 than 700	<u>100</u>	23 than 2300	<u>100</u>	0.1 than 10.0	<u>100</u>	0.07 than 0.7	<u>10</u>
270 than 2700	<u>10</u>	54 than 5400	<u>100</u>	0.08 than 8.0	<u>100</u>	0.25 than 25?	<u>100</u>

F How many times larger is

390 than 39	<u>10</u>	400 than 40	<u>10</u>	8.0 than 0.8	<u>10</u>	50 than 0.5	<u>100</u>
4500 than 45	<u>100</u>	9000 than 90	<u>100</u>	16.0 than 1.6	<u>10</u>	0.4 than 0.04	<u>10</u>
3100 than 31	<u>100</u>	6140 than 614	<u>10</u>	9.0 than 0.09	<u>100</u>	17 than 0.17?	<u>100</u>

G

$7 + 8 =$	<u>15</u>	$17 + 7 =$	<u>24</u>	$11 - 6 =$	<u>5</u>	$26 - 9 =$	<u>17</u>
$6 + 5 =$	<u>11</u>	$8 + 25 =$	<u>33</u>	$13 - 8 =$	<u>5</u>	$22 - 6 =$	<u>16</u>
$9 + 9 =$	<u>18</u>	$59 + 6 =$	<u>65</u>	$15 - 9 =$	<u>6</u>	$43 - 5 =$	<u>38</u>
$4 + 7 =$	<u>11</u>	$5 + 76 =$	<u>81</u>	$11 - 8 =$	<u>3</u>	$61 - 4 =$	<u>57</u>
$8 + 3 =$	<u>11</u>	$46 + 8 =$	<u>54</u>	$14 - 7 =$	<u>7</u>	$85 - 7 =$	<u>78</u>
$9 + 7 =$	<u>16</u>	$7 + 89 =$	<u>96</u>	$12 - 3 =$	<u>9</u>	$93 - 9 =$	<u>84</u>
$7 + 5 =$	<u>12</u>	$38 + 7 =$	<u>45</u>	$17 - 8 =$	<u>9</u>	$32 - 8 =$	<u>24</u>
$5 + 9 =$	<u>14</u>	$4 + 59 =$	<u>63</u>	$14 - 9 =$	<u>5</u>	$54 - 6 =$	<u>48</u>
$4 + 8 =$	<u>12</u>	$69 + 5 =$	<u>74</u>	$12 - 7 =$	<u>5</u>	$72 - 5 =$	<u>67</u>
$9 + 4 =$	<u>13</u>	$8 + 34 =$	<u>42</u>	$14 - 8 =$	<u>6</u>	$41 - 3 =$	<u>38</u>
$8 + 9 =$	<u>17</u>	$77 + 6 =$	<u>83</u>	$13 - 6 =$	<u>7</u>	$82 - 9 =$	<u>73</u>
$6 + 6 =$	<u>12</u>	$9 + 68 =$	<u>77</u>	$11 - 7 =$	<u>4</u>	$95 - 6 =$	<u>89</u>
$3 + 8 =$	<u>11</u>	$43 + 9 =$	<u>52</u>	$13 - 4 =$	<u>9</u>	$67 - 9 =$	<u>58</u>
$8 + 6 =$	<u>14</u>	$6 + 87 =$	<u>93</u>	$16 - 7 =$	<u>9</u>	$56 - 8 =$	<u>48</u>

H Find the value of each missing number.

$\square - 9 = 3$	<u>12</u>	$14 - \square = 5$	<u>9</u>	$\square + 7 = 13$	<u>6</u>	$8 + \square = 14$	<u>6</u>
$8 + \square = 15$	<u>7</u>	$\square - 5 = 8$	<u>13</u>	$12 - \square = 4$	<u>8</u>	$\square - 7 = 9$	<u>16</u>
$\square - 7 = 4$	<u>11</u>	$9 + \square = 15$	<u>6</u>	$9 + \square = 18$	<u>9</u>	$\square + 9 = 17$	<u>8</u>
$\square + 2 = 11$	<u>9</u>	$\square - 8 = 8$	<u>16</u>	$\square - 5 = 7$	<u>12</u>		

Mental Arithmetic 3 Answers

A

$7 \times 7 =$	<u>49</u>	$(6 \times 9) + 8 =$	<u>62</u>	$36 \div 9 =$	<u>4</u>	$30 \div 8 =$	<u>3 r 6</u>
$8 \times 6 =$	<u>48</u>	$(4 \times 8) + 7 =$	<u>39</u>	$49 \div 7 =$	<u>7</u>	$16 \div 9 =$	<u>1 r 7</u>
$3 \times 7 =$	<u>21</u>	$(5 \times 7) + 6 =$	<u>41</u>	$30 \div 5 =$	<u>6</u>	$20 \div 3 =$	<u>6 r 2</u>
$5 \times 9 =$	<u>45</u>	$(6 \times 3) + 2 =$	<u>20</u>	$72 \div 8 =$	<u>9</u>	$54 \div 8 =$	<u>6 r 6</u>
$7 \times 8 =$	<u>56</u>	$(1 \times 9) + 5 =$	<u>14</u>	$24 \div 6 =$	<u>4</u>	$80 \div 9 =$	<u>8 r 8</u>
$6 \times 6 =$	<u>36</u>	$(2 \times 7) + 6 =$	<u>20</u>	$0 \div 4 =$	<u>0</u>	$63 \div 8 =$	<u>7 r 7</u>
$4 \times 5 =$	<u>20</u>	$(3 \times 9) + 6 =$	<u>33</u>	$27 \div 9 =$	<u>3</u>	$20 \div 7 =$	<u>2 r 6</u>
$9 \times 2 =$	<u>18</u>	$(7 \times 7) + 4 =$	<u>53</u>	$42 \div 6 =$	<u>7</u>	$53 \div 9 =$	<u>5 r 8</u>
$0 \times 3 =$	<u>0</u>	$(5 \times 6) + 3 =$	<u>33</u>	$64 \div 8 =$	<u>8</u>	$21 \div 8 =$	<u>2 r 5</u>
$9 \times 9 =$	<u>81</u>	$(6 \times 8) + 5 =$	<u>53</u>	$40 \div 5 =$	<u>8</u>	$3 \div 5 =$	<u>0 r 3</u>
$8 \times 5 =$	<u>40</u>	$(0 \times 5) + 3 =$	<u>3</u>	$18 \div 9 =$	<u>2</u>	$40 \div 7 =$	<u>5 r 5</u>
$6 \times 7 =$	<u>42</u>	$(8 \times 8) + 7 =$	<u>71</u>	$56 \div 7 =$	<u>8</u>	$19 \div 5 =$	<u>3 r 4</u>
$3 \times 8 =$	<u>24</u>	$(4 \times 9) + 5 =$	<u>41</u>	$28 \div 4 =$	<u>7</u>	$69 \div 9 =$	<u>7 r 6</u>
$9 \times 4 =$	<u>36</u>	$(8 \times 7) + 4 =$	<u>60</u>	$32 \div 8 =$	<u>4</u>	$48 \div 7 =$	<u>6 r 6</u>
$4 \times 6 =$	<u>24</u>	$(9 \times 6) + 5 =$	<u>59</u>	$81 \div 9 =$	<u>9</u>	$16 \div 6 =$	<u>2 r 4</u>
$7 \times 9 =$	<u>63</u>	$(2 \times 8) + 6 =$	<u>22</u>	$36 \div 6 =$	<u>6</u>	$45 \div 8 =$	<u>5 r 5</u>
$4 \times 3 =$	<u>12</u>	$(4 \times 7) + 4 =$	<u>32</u>	$35 \div 5 =$	<u>7</u>	$57 \div 6 =$	<u>9 r 3</u>
$9 \times 8 =$	<u>72</u>	$(8 \times 9) + 8 =$	<u>80</u>	$54 \div 9 =$	<u>6</u>	$31 \div 8 =$	<u>3 r 7</u>
$7 \times 4 =$	<u>28</u>	$(7 \times 6) + 4 =$	<u>46</u>	$48 \div 6 =$	<u>8</u>	$61 \div 7 =$	<u>8 r 5</u>
$3 \times 5 =$	<u>15</u>	$(3 \times 6) + 4 =$	<u>22</u>	$63 \div 7 =$	<u>9</u>	$62 \div 9 =$	<u>6 r 8</u>

B Find the value of each missing number.

$5 \times \square = 40$	<u>8</u>	$9 \times \square = 63$	<u>7</u>	$\square \times 4 = 32$	<u>8</u>	$16 \div \square = 4$	<u>4</u>
$\square \div 6 = 5$	<u>30</u>	$\square \div 8 = 9$	<u>72</u>	$21 \div \square = 3$	<u>7</u>	$\square \times 8 = 64$	<u>8</u>
$\square \times 7 = 42$	<u>6</u>	$5 \times \square = 45$	<u>9</u>	$36 \div \square = 9$	<u>4</u>	$\square \div 4 = 7$	<u>28</u>
$27 \div \square = 9$	<u>3</u>	$\square \div 9 = 9$	<u>81</u>	$4 \times \square = 24$	<u>6</u>		

C

$\frac{1}{2}$ of 18	<u>9</u>	$\frac{1}{4}$ of 28	<u>7</u>	$\frac{3}{4}$ of 20	<u>15</u>	$\frac{2}{5}$ of 45	<u>18</u>
$\frac{1}{3}$ of 21	<u>7</u>	$\frac{1}{5}$ of 40	<u>8</u>	$\frac{5}{6}$ of 54	<u>45</u>	$\frac{4}{7}$ of 35	<u>20</u>
$\frac{1}{6}$ of 36	<u>6</u>	$\frac{1}{8}$ of 32	<u>4</u>	$\frac{7}{8}$ of 48	<u>42</u>	$\frac{7}{9}$ of 63	<u>49</u>
$\frac{1}{9}$ of 45	<u>5</u>	$\frac{1}{10}$ of 100	<u>10</u>	$\frac{3}{10}$ of 70	<u>21</u>	$\frac{9}{10}$ of 80	<u>72</u>

D Find the whole number when

$\frac{1}{3}$ is 8	<u>24</u>	$\frac{1}{5}$ is 6	<u>30</u>	$\frac{5}{6}$ is 30	<u>36</u>	$\frac{4}{5}$ is 16	<u>20</u>
$\frac{1}{6}$ is 7	<u>42</u>	$\frac{1}{8}$ is 9	<u>72</u>	$\frac{7}{8}$ is 21	<u>24</u>	$\frac{2}{7}$ is 12	<u>42</u>
$\frac{1}{9}$ is 4	<u>36</u>	$\frac{1}{10}$ is 12	<u>120</u>	$\frac{4}{9}$ is 36	<u>81</u>	$\frac{7}{10}$ is 49	<u>70</u>

E

$11 \times 10 =$	<u>110</u>	$130 \div 10 =$	<u>13</u>	$1.3 \times 10 =$	<u>13</u>	$4.0 \div 10 =$	<u>0.4</u>
$100 \times 10 =$	<u>1000</u>	$800 \div 10 =$	<u>80</u>	$0.96 \times 10 =$	<u>9.6</u>	$66.0 \div 10 =$	<u>6.6</u>
$145 \times 10 =$	<u>1450</u>	$4620 \div 10 =$	<u>462</u>	$0.02 \times 10 =$	<u>0.2</u>	$0.3 \div 10 =$	<u>0.03</u>
$15 \times 100 =$	<u>1500</u>	$1900 \div 100 =$	<u>19</u>	$10.8 \times 100 =$	<u>1080</u>	$7.0 \div 100 =$	<u>0.07</u>
$120 \times 100 =$	<u>12000</u>	$6500 \div 100 =$	<u>65</u>	$0.05 \times 100 =$	<u>5</u>	$19.0 \div 100 =$	<u>0.19</u>
$104 \times 100 =$	<u>10400</u>	$10000 \div 100 =$	<u>100</u>	$1.13 \times 100 =$	<u>113</u>	$403.0 \div 100 =$	<u>4.03</u>

F Find the missing numerator or denominator.

$\frac{2}{5} = \frac{\square}{10}$	<u>4</u>	$\frac{3}{4} = \frac{9}{\square}$	<u>12</u>	$\frac{1}{5} = \frac{\square}{100}$	<u>20</u>	$\frac{1}{10} = \frac{10}{\square}$	<u>100</u>	$\frac{50}{100} = \frac{1}{\square}$	<u>2</u>
$\frac{2}{3} = \frac{8}{\square}$	<u>12</u>	$\frac{5}{6} = \frac{10}{\square}$	<u>12</u>	$\frac{3}{5} = \frac{60}{\square}$	<u>100</u>	$\frac{3}{10} = \frac{30}{\square}$	<u>100</u>	$\frac{75}{100} = \frac{3}{\square}$	<u>4</u>
$\frac{5}{8} = \frac{10}{\square}$	<u>16</u>	$\frac{7}{20} = \frac{\square}{100}$	<u>35</u>	$\frac{1}{25} = \frac{4}{\square}$	<u>100</u>	$\frac{7}{10} = \frac{70}{\square}$	<u>100</u>	$\frac{20}{100} = \frac{1}{\square}$	<u>5</u>