

## WRITTEN PRACTICE ANSWERS

- |          |   |           |                  |
|----------|---|-----------|------------------|
| <b>1</b> | See student work  | <b>b.</b> | 50%              |
| <b>2</b> | <b>a.</b> triangular prism  | <b>9</b>  | 5 more sides     |
|          | <b>b.</b> 5   | <b>10</b> | 5                |
|          | <b>c.</b> 6   | <b>11</b> | 9 cm             |
|          | <b>d.</b> triangular faces  | <b>12</b> | 97.978           |
| <b>3</b> | $2 + 2 = 2 \times 2$  | <b>13</b> | \$5.26           |
| <b>4</b> | D   | <b>14</b> | 240              |
| <b>5</b> | Sample: Use rounding; since $7\frac{3}{4}$ pounds is close to 8 pounds, a reasonable estimate of the kitten's weight is $11 - 8$ , or about 3 pounds.   | <b>15</b> | 0.0288           |
|          |   | <b>16</b> | 1250             |
|          |   | <b>17</b> | 0.0125           |
|          |   | <b>18</b> | 8.7              |
| <b>6</b> | 25 hours  | <b>19</b> | 120              |
| <b>7</b> | <b>a.</b> 18 in.  | <b>20</b> | $11\frac{1}{12}$ |
|          | <b>b.</b> 18 sq. in.  | <b>21</b> | $\frac{13}{14}$  |
|          | <b>c.</b> $\overline{AD}$ and $\overline{BC}$ , $\overline{DC}$ and $\overline{AB}$   | <b>22</b> | $5\frac{11}{15}$ |
|          | <b>d.</b> four combinations are possible: $\overline{AD}$ and $\overline{AB}$ , $\overline{BA}$ and $\overline{BC}$ , $\overline{CB}$ and $\overline{CD}$ , $\overline{DC}$ and $\overline{DA}$ | <b>23</b> | $\frac{7}{15}$   |
|          |   | <b>24</b> | $1\frac{2}{3}$   |
| <b>8</b> | <b>a.</b> $\frac{1}{2}$   | <b>25</b> | 10               |

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**26 a.** 13.5 sq. m**b.** 15 m**27** 1.5 cubic feet**28 a.** 18 inches**b.**  $11\frac{1}{9}\%$ **c.**16 small  
triangles**29**  $(\$12.50 \times 4) -$   
 $(\$2 \times 4) = \$42$ **30** Yes; sample: 189 is about  
200;  $20 \div 5 = 4$ , so  
 $200 \div 5 = 40$ .**Early Finishers:****a** Sample: I rounded  $\frac{7}{8}$   
to 1 and multiplied  $1 \times 9$  for  
an estimate of 9 miles.  
Then I multiplied  $\frac{7}{8} \times 9$  to  
find the actual answer,  $7\frac{7}{8}$   
miles.**b** Sample:  $\frac{7}{8}$  is close to 9  
miles, so the product is  
reasonable.**c**  $13\frac{1}{8}$  miles