

MeTEOR Performance Task

Fifth Grade

Mathematics

Painting Grandma's House

Complete Performance Task Scoring Rubric *Painting Grandma's House*

31-40 Proficient 21-30 Good 11-20 Satisfactory 6-10 Poor 0-5 Unsatisfactory

| | Depth of Knowledge Level | Points | Total Possible Points for Task | Total Points Earned by Student | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--------------------------|-------------------------|--------------------------------|--------------------------------|-------------|--------------|---------|------------|---------|----------------|----------------|---------|------------------------|-------------|--------------|---|----------|------------|-----------|--------------|---|---|--------------|---------|------------|---|---|------------|----------|----------|-----------|--|
| <p>Task 1:</p> <p>A.</p> <table border="1" style="margin-left: 40px; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Rooms</th> <th style="width: 15%;">Total Square Footage</th> </tr> </thead> <tbody> <tr> <td>Living Room</td> <td style="text-align: center;">1,110</td> </tr> <tr> <td>Kitchen</td> <td style="text-align: center;">847.5</td> </tr> <tr> <td>Bedroom</td> <td style="text-align: center;">544</td> </tr> </tbody> </table> <p>B.</p> <table border="1" style="margin-left: 40px; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Rooms</th> <th style="width: 15%;">Square Footage</th> <th style="width: 15%;">Doors/Doorways</th> <th style="width: 15%;">Windows</th> <th style="width: 15%;">Paintable surface area</th> </tr> </thead> <tbody> <tr> <td>Living Room</td> <td style="text-align: center;">1,110</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> <td style="text-align: center;">990</td> </tr> <tr> <td>Kitchen</td> <td style="text-align: center;">847.5</td> <td style="text-align: center;">2</td> <td style="text-align: center;">2</td> <td style="text-align: center;">777.5</td> </tr> <tr> <td>Bedroom</td> <td style="text-align: center;">544</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td style="text-align: center;">509</td> </tr> </tbody> </table> | Rooms | Total Square Footage | Living Room | 1,110 | Kitchen | 847.5 | Bedroom | 544 | Rooms | Square Footage | Doors/Doorways | Windows | Paintable surface area | Living Room | 1,110 | 3 | 4 | 990 | Kitchen | 847.5 | 2 | 2 | 777.5 | Bedroom | 544 | 1 | 1 | 509 | 1 | 5 | 10 | |
| Rooms | Total Square Footage | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Living Room | 1,110 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kitchen | 847.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bedroom | 544 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rooms | Square Footage | Doors/Doorways | Windows | Paintable surface area | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Living Room | 1,110 | 3 | 4 | 990 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kitchen | 847.5 | 2 | 2 | 777.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bedroom | 544 | 1 | 1 | 509 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Task 2:</p> <p>A.</p> <table border="1" style="margin-left: 40px; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Rooms</th> <th style="width: 15%;">Paintable surface area</th> <th style="width: 15%;">Gallons of Paint needed</th> <th style="width: 15%;">Quarts of Paint needed</th> </tr> </thead> <tbody> <tr> <td>Living Room</td> <td style="text-align: center;">990</td> <td style="text-align: center;">3</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Kitchen</td> <td style="text-align: center;">777.5</td> <td style="text-align: center;">2</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Bedroom</td> <td style="text-align: center;">509</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> </tbody> </table> <p>B. Individual responses will vary; however, the general response should</p> | Rooms | Paintable surface area | Gallons of Paint needed | Quarts of Paint needed | Living Room | 990 | 3 | 0 | Kitchen | 777.5 | 2 | 2 | Bedroom | 509 | 1 | 2 | 1 | 5 | 10 | | | | | | | | | | | | | |
| Rooms | Paintable surface area | Gallons of Paint needed | Quarts of Paint needed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Living Room | 990 | 3 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kitchen | 777.5 | 2 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bedroom | 509 | 1 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>B. Individual responses will vary; however, the general response should</p> | 2 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| include the amount of paint needed will double. | | | | | | | | | | | | | | | | | | | | |
|---|------------------|------------------|---------------------|---------------------|-------------|---------|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|---|---|--|
| Task 3: A. <table border="1" style="margin: 10px auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="padding: 2px 5px;">Rooms</th> <th style="padding: 2px 5px;">Cost for Gallons</th> <th style="padding: 2px 5px;">Cost for Quarts</th> <th style="padding: 2px 5px;">Total Cost For Room</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px 5px;">Living Room</td> <td style="padding: 2px 5px;">\$68.97</td> <td style="padding: 2px 5px;">0</td> <td style="padding: 2px 5px;">\$68.97</td> </tr> <tr> <td style="padding: 2px 5px;">Kitchen</td> <td style="padding: 2px 5px;">\$45.98</td> <td style="padding: 2px 5px;">\$29.90</td> <td style="padding: 2px 5px;">\$75.88</td> </tr> <tr> <td style="padding: 2px 5px;">Bedroom</td> <td style="padding: 2px 5px;">\$22.99</td> <td style="padding: 2px 5px;">\$29.90</td> <td style="padding: 2px 5px;">\$52.89</td> </tr> </tbody> </table> | Rooms | Cost for Gallons | Cost for Quarts | Total Cost For Room | Living Room | \$68.97 | 0 | \$68.97 | Kitchen | \$45.98 | \$29.90 | \$75.88 | Bedroom | \$22.99 | \$29.90 | \$52.89 | 1 | 2 | 5 | |
| Rooms | Cost for Gallons | Cost for Quarts | Total Cost For Room | | | | | | | | | | | | | | | | | |
| Living Room | \$68.97 | 0 | \$68.97 | | | | | | | | | | | | | | | | | |
| Kitchen | \$45.98 | \$29.90 | \$75.88 | | | | | | | | | | | | | | | | | |
| Bedroom | \$22.99 | \$29.90 | \$52.89 | | | | | | | | | | | | | | | | | |
| B. \$197.74 | 1 | 1 | | | | | | | | | | | | | | | | | | |
| C. One hundred, ninety-seven dollars and 74/100 | 2 | 2 | | | | | | | | | | | | | | | | | | |
| Task 4: A. Answers will vary. 5 points for a viable explanation. B. 12 hours C. Answers will vary. 5 points for a viable explanation. | 2 | 5 | 15 | | | | | | | | | | | | | | | | | |
| TOTAL POINTS: | | | | | | | | | | | | | | | | | | | | |



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