

Unit 16.1

1. a) 55 ft b) 57 cm c) 24 cm d) 52 inch e) 41 yd f) 33 inch
g) 44 cm h) 56 cm 2. 7 cm 3. 100 cm 4. 84 yd 5. 29 inch
6. 21 ft 7. a 8. 160 cm 9. 56 m 10. 240 inch 11. 8 yd
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Unit 16.2

1. a) 384 yd² b) 225 m² c) 625 ft² d) 77 ft² 2. 2,025 cm² 3. 714 ft²
4. yes 5. a) 6,750 cm² b) 1,089 in² c) 1,000 cm² 6. 10.8 m²
7. 187.5 ft² 8. 9,600 yd² 9. 15 inch
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Unit 16.3

1. a) 40 yd² b) 42 sq inch c) 54 cm² d) 18 sq ft e) 252 sq inch
f) 243 sq ft g) 238 sq yd h) 114 sq ft 2. 408 cm² 3. 162 m² 4. same
5. 264 sq ft 6. 96 sq ft 7. a) 70 sq in b) 42 sq in c) 112 sq ft
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Unit 16.4

1. a) 64 sq ft b) 66 sq yd c) 42.75 m² d) 54 cm² e) 18 sq ft f) 45.5 sq in
g) 28 sq yd h) 23.25 m² 2. 120 sq ft 3. 1,350 cm² 4. no, 150 m²
6. 304 sq ft 7. 12 m 8. c
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Unit 16.5

1. a) 46 sq in b) 298 sq ft c) 900 sq mm d) 126 sq km e) 830 sq cm f) 96 sq yd
2. 45 sq unit
3. 50 sq ft
4. 135 cm²
5. a
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Unit 16.6

1. a) 42 ft b) 58 inch c) 105 cm d) 62 yd
2. 110 meters
3. 8 cm
4. 92 m
5. 2.5 in
6. 132 sq unit
7. a) 186 cm² b) 289 sq ft c) 283.5 sq in d) 630 m²
e) 496 sq yd f) 401 sq mm
8. 104 sq km
9. 144 sq inch
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