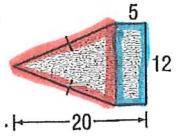
NAME _____ DATE _____ PERIOD _____

11-4 Skills Practice

Areas of Composite Figures

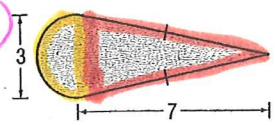
Find the area of each figure. Round to the nearest tenth if necessary.

1.



A = 150 units²

2.



A = 14 units²

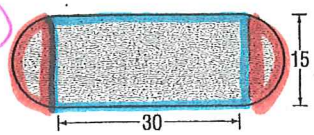
A = 10.5 + 1.1π units²

3.

A = 38.9 units²

A = 64 − 8π units²

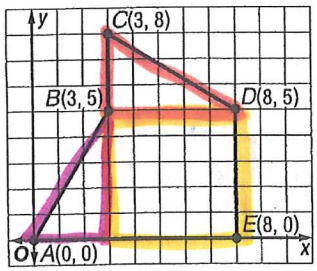
4.



A = 626.7 units²

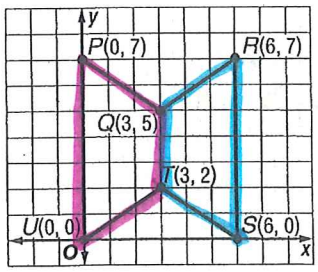
A = 450 + 56.3π units²

5.



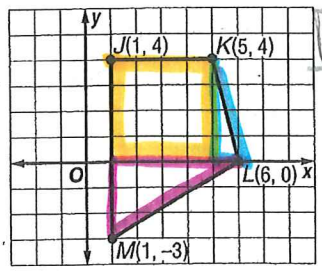
A = 40 units²

6.



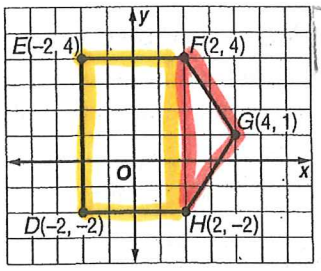
A = 30 units²

7.



A = 25.5 units²

8.



A = 30 units²

Lesson 11-4

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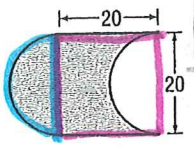
NAME _____ DATE _____ PERIOD _____

11-4 Practice

Areas of Composite Figures

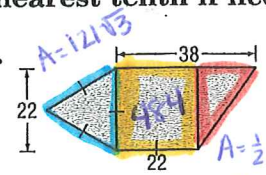
Find the area of each figure. Round to the nearest tenth if necessary.

1.



A = 400 units²

2.



A = 869.6 units²

A = 121√3

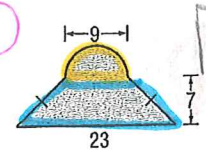
A = ½(22)(16)

A = 176

A = 660 + 121√3

22 | 11√3 | 11

3.

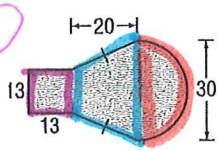


A = 143.8 units²

A = 112 + ~~408~~ π

10.1

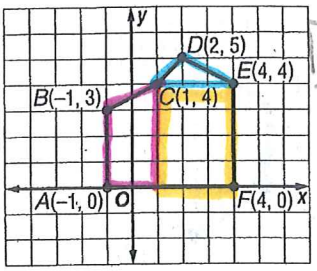
4.



A = 952.4 units²

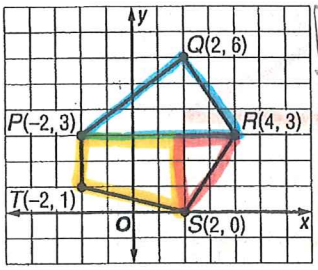
A = 599 + 112.5π

5.



A = 20.5 units²

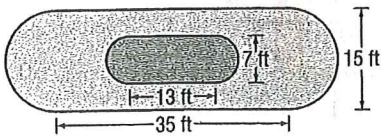
6.



A = 22 units²

LANDSCAPING For Exercises 7 and 8, use the following information.

One of the displays at a botanical garden is a koi pond with a walkway around it. The figure shows the dimensions of the pond and the walkway.



7. Find the area of the pond to the nearest tenth.

A = 129.5 ft²

8. Find the area of the walkway to the nearest tenth.

A = 572.2 ft²

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