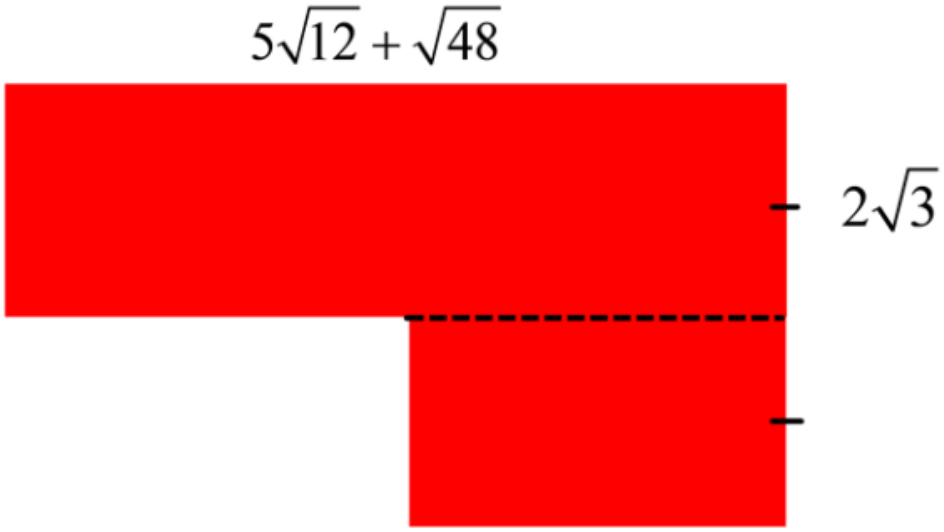
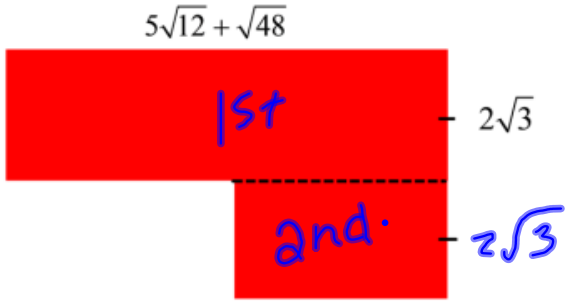
Find the area!



Find the area!



1st

$2\sqrt{3}\left(5\sqrt{12}+\sqrt{48}\right)$

$10\sqrt{36}+2\sqrt{144}$

$10(6)+2(12)$

$60+24$

$=84$

2nd

$2\sqrt{3}(9\sqrt{8}-4\sqrt{3})$

$18\sqrt{24}-8\sqrt{9}$

$18\sqrt{4}\sqrt{6}-8(3)$

$36\sqrt{6}-24$

Total Area

$84+36\sqrt{6}-24$

$=60+36\sqrt{6}$