

Mr. Gunstenson

WAM 10

Unit 2 - WA10.5 - Area and Surface Area Practice Questions #1

Be sure to input your answers here to receive credit: <https://bit.ly/2XxjGCF>

1. Ina is laying turf in a yard measuring 38 ft by 20 ft. What is the yard's area in square feet?
2. Rebecca is planning to install sod in her backyard, which is 18.2 m by 9.8 m. If sod costs \$0.36/ft², how much will it cost to sod the backyard?
3. What is the cost per square meter for the previous question sod cost?
4. Johnson McJohnson is a picture framer. He is framing a picture that is 24 inches by 36 inches with a frame that is 2.5 inches wide. What is the outer perimeter of the framed picture?
5. Ari, a gardener, estimates the cost of seeding a 150 m by 215 m area with grass seed. He needs 3 pounds of seed per 100 000 square feet. How many pounds of seed will Ari need?
6. A room measures 12' 8" by 10' 9". Carpeting costs \$47.98/m². A customer will have to purchase 10% more carpeting than floor area due to waste and he cannot purchase partial square metres. What is the minimum cost of the carpeting?