Mixed word problems

Elisha is getting married this week.

1. The wedding reception has 32 parking spots for cars and 14 parking spots for motorcycles and according to their list, 27 guests will bring a car. The parking spot for a car is 8 ft wide. Will there be vacant parking spots for cars on the wedding day? How wide is the parking lot for cars altogether?

2. Mary was assigned to make the souvenirs. She has 8 m 40 cm of ribbon and 3 m 15 cm of craft paper which she plans to use. She wants to cut the ribbon equally into 70 cm smaller pieces. How many smaller ribbons can she make?

3. Each bridesmaid's gown cost $38 while the wedding gown cost $540. There are 8 bridesmaids. How much is the cost of all the gowns?

4. The chef has made 2 big cakes. The mass of cake in the big tray is 6 kgs. The tray weighs 400 grams. What is the mass of the cake without the tray? If the icing is 450 g, what is the mass of the cake without icing?
    Express all your answers in kilograms and grams.

5. The ceremony will start at 10:00 in the morning. Bernadette has to be at the venue 165 minutes earlier for the preparations. What time should Bernadette be at the wedding venue?

1. $32 - 27 = 5$
   There will be 5 vacant parking spots.
   $32 \times 8 = 256$
   The parking lot is 256 feet wide.

2. $8 \text{ m } 40 \text{ cm} = 840 \text{ cm}$
   $840 \div 70 = 12$
   She can make 12 smaller ribbons.

3. $\$38 \times 8 = \$304$
   $\$304 + \$540 = \$844$
   The cost of all the gowns is $844.

4. $6 \text{ kg} = 6{,}000 \text{ g}$
   $6{,}000 \text{ g} - 400 \text{ g} = 5{,}600 \text{ g} = 5 \text{ kg } 600 \text{ g}$
   The mass of the cake is 5 kg 600 g.
   $5 \text{ kg } 600 \text{ g} - 450 \text{ g} = 5 \text{ kg } 150 \text{ g}$
   The mass of the cake without icing is 5 kg 150 g.

5. 165 minutes = 2 hours and 45 minutes
   Bernadette should be at the venue at 7:15 in the morning.