Parallel and perpendicular lines. Quadrilaterals. Angles.

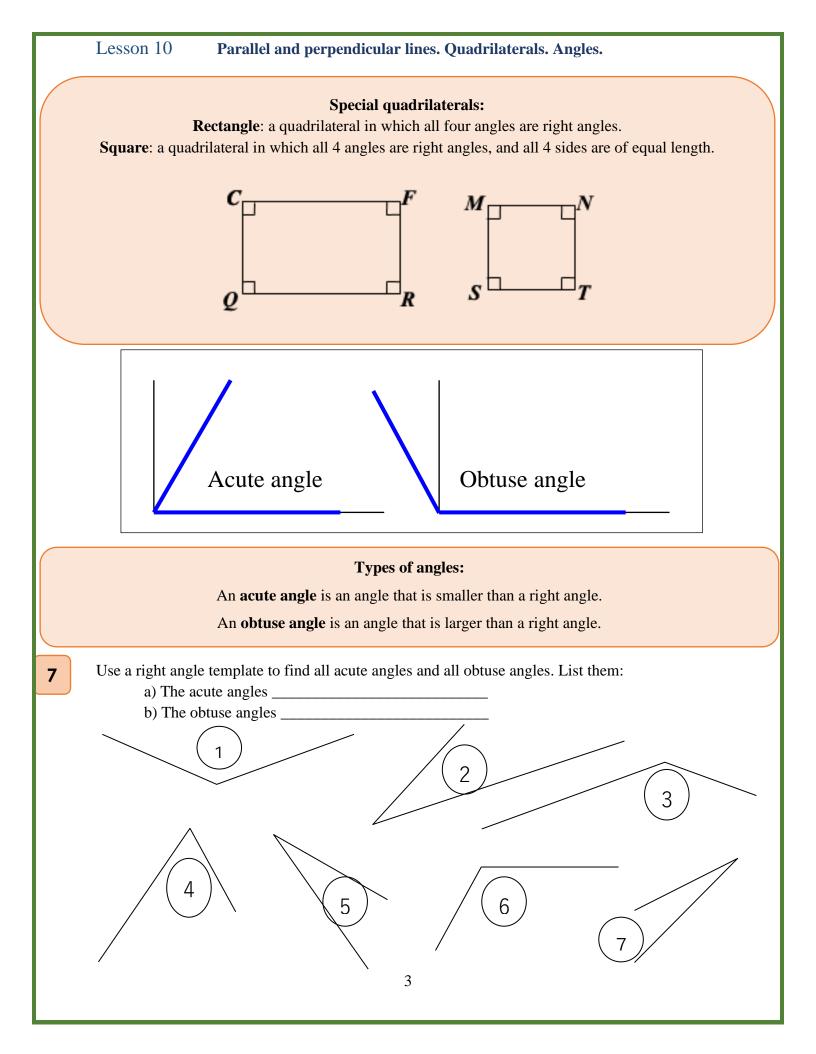
school 6



WARM UP

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Lesson 10 Parallel and perpendicular lines. Quadrilaterals. Angles. New Material I Making a Right Angle Template. 4 Fold a sheet of paper in half and then in half again. Using a ruler trace the creases with a pencil. How many straight lines did you get? How many angles do these lines form? 90° Note the special symbol in the angle. If we see this box, it is a right angle. The 90° is rarely written in. All the angles below are right angles. Use your right angle template to check it. 5 Find examples of right angles in your room. С 6 a) Write a name of the rectangle _____ Using a ruler measure sides CF and QR _____ Using a ruler measure sides CQ and FR What did you notice? Q R b) Write a name of the square _____ М Ν Using a ruler measure sides MN and ST Using a ruler measure sides SM and NT What did you notice? S Τ



Lesson 10 Parallel and perpendicular lines. Quadrilaterals. Angles. Quadrilateral is divided in squares. Find a perimeter 8 of a quadrilateral if one side of the shaded square is 8 cm. P = _____ Connect exactly four points on the pictures below to make 9 a) a rectangle b) a square **REVIEW** Compare if possible, using >, <, or =. Cross out everything what cannot be compared. Explain. 10 68 cm 🛛 86 cm 3 dm 🛛 16 cm $23 kg \square 5 kg$ 181 🗆 371 51 dm \Box 57 dm $7 m \square 8 kg$ Compare expressions using >, <, or =: 11 $a+b \Box b+a \qquad 38-b \Box 68-b$ $a \square a + c$ $k + 26 \Box 62 + k$ a-0 \Box a+0 $b \square b-5$ *c*−19 □ *c*−90 4 \square d-d $54 + n \Box 54 - n$ Check if the equality 12 - 8 = 3 + 1 still holds if 12 a) We add 7 to the left part and 4 to the right part _____ b) We add 10 to both parts _____ 4

