## Lesson 2.7.2: Inductive and Deductive Reasoning Lesson 2.7.2: Inductive and Deductive Reasoning Total points = 15Total points = 15A. Answers A. Answers True ✓ 1. True ✓ 2. False ✓ 2. False ✓ 3. False ✓ 3. False ✓ 4. True ✓ 4. True ✓ B. Answers B. Answers Niku is Donna's cousin. ✓ 1. Niku is Donna's cousin.√ Marcos will be tired.√ 2. Marcos will be tired. ✓ 3. 64√, 128 √ 3. 64√, 128 √ 4. Fred is a musician.✓ 4. Fred is a musician.✓ **5**. 18√ **5**. 18√ C. Answers C. Answers 1. *m∠B* = 180° ✓ 1. $m\angle B = 180^{\circ} \checkmark$ 2. $\angle 3$ and $\angle 4$ are supplementary angles. $\checkmark$ 2. ∠3 and ∠4 are supplementary angles. ✓ 3. ∠APM ≅ ∠MPO **√** 3. ∠APM ≅ ∠MPO **√** 4. ∠CBP is a right angle. ✓ 4. ∠CBP is a right angle. ✓ 5. $\Delta$ BOS has two congruent sides. $\checkmark$ 5. △BOS has two congruent sides. ✓ Lesson 2.7.2: Inductive and Deductive Reasoning Lesson 2.7.2: Inductive and Deductive Reasoning Total points = 15Total points = 15A. Answers A. Answers True √ True √ 2. False ✓ 2. False $\checkmark$ 3. False ✓ 3. False ✓ 4. True ✓ 4. True ✓ B. Answers B. Answers Niku is Donna's cousin.√ Niku is Donna's cousin. ✓ 2. Marcos will be tired.✓ 2. Marcos will be tired.✓ 3. 64√, 128 √ 3. 64√, 128 √ 4. Fred is a musician. ✓ 4. Fred is a musician. ✓ **5**. 18√ **5**. 18√ C. Answers C. Answers m∠B = 180° ✓ 1. *m*∠*B* = 180° ✓ 2. ∠3 and ∠4 are supplementary angles. ✓ 2. ∠3 and ∠4 are supplementary angles. ✓ 3. ∠APM ≅ ∠MPO **√** 3. ∠APM ≅ ∠MPO **√** 4. ∠CBP is a right angle. ✓ 4. ∠CBP is a right angle. ✓ 5. △BOS has two congruent sides. ✓ 5. △BOS has two congruent sides. ✓ Lesson 2.7.2: Inductive and Deductive Reasoning Lesson 2.7.2: Inductive and Deductive Reasoning Total points = 15 Total points = 15 A. Answers A. Answers True √ 1. True v 2. False ✓ 2. False $\checkmark$ 3. False ✓ 3. False ✓ 4. True ✓ 4. True ✓ B. Answers **B** Answers 1. Niku is Donna's cousin.√ 1. Niku is Donna's cousin.√ 2. Marcos will be tired. ✓ 2. Marcos will be tired.✓ 3. 64√, 128 √ 3. 64√, 128 √ 4. Fred is a musician. ✓ 4. Fred is a musician. ✓ **5**. 18√ **5**. 18√ C. Answers C. Answers 1. *m*∠*B* = 180° ✓ 1. *m*∠*B* = 180° ✓ 2. ∠3 and ∠4 are supplementary angles. ✓ 2. ∠3 and ∠4 are supplementary angles. ✓ 3. ∠APM ≅ ∠MPO ✓ 3. ∠*APM* ≅ ∠*MPO* ✓ 4. ∠CBP is a right angle. ✓ 4. ∠CBP is a right angle. ✓ 5. $\Delta$ BOS has two congruent sides. $\checkmark$ 5. $\Delta$ BOS has two congruent sides. $\checkmark$ Lesson 2.7.2: Inductive and Deductive Reasoning Lesson 2.7.2: Inductive and Deductive Reasoning Total points = 15Total points = 15A. Answers A. Answers 1. True ✓ True √ 2. False ✓ 2. False ✓ 3. False ✓ 3. False ✓ 4. True ✓ 4. True ✓ Niku is Donna's cousin. ✓ 1. Niku is Donna's cousin. ✓ 2. Marcos will be tired. ✓ 2. Marcos will be tired. ✓ 3. 64√, 128 √ 3. 64√, 128 √ 4. Fred is a musician.✓ 4. Fred is a musician.✓ **5**. 18√ **5**. **18**√ C. Answers 1. *m*∠*B* = 180° ✓ 1. $m∠B = 180^{\circ}$ ✓ 2. ∠3 and ∠4 are supplementary angles. ✓ 2. ∠3 and ∠4 are supplementary angles. ✓ 3. ∠APM ≅ ∠MPO • 3. $\angle APM \cong \angle MPO$ 4. ∠CBP is a right angle.√ 4. $\angle CBP$ is a right angle.

5.  $\Delta$ BOS has two congruent sides.  $\checkmark$ 

5. △BOS has two congruent sides. ✓