City Polytechnic HighSchool

Inter-Academy Integrated Projects Trimester 1.0 Week 6.0 Day 2.0

Name	

Worksheet #1 652

Directions: Answer all of the questions below based on the plan diagram provided.

	r	Side 1		
Street	i L	Side Yard 1 Setback		
	Front Yard Setback	Setback Buildable Area	Rear Yard Setback	Next Yard
	<u> </u>	Side Yard 2 Setback		
		Side 2		

150 feet deep x 100 feet wide Property size

20 feet Front Setback 30 feet Rear Setback 10 feet Side 1 Setback Side 2 Setback

1. What is the total square footage of the lot?

BUDD-150 x 100

2. After considering the setbacks what is the total buildable area?

150-(20+30')=150-50=100'

FOOTPRINT = 100'x75'=7500

3. The property owner wishes to build a fence along three edges of the property including the two sides and the back? How long is the fence? PERIMENTER = 150'+150'+100'+100'+100 = 500'

4. If the Open Space Ratio (OSR) is 20 or 20% of the lot? What is the open space requirement?

OSR X LOT AREA . 20 × 15,000 = 3,1000 1

5. Considering the setbacks and the OSR above which of the two is more restricitve and what is the maximum allowable footprint of the building?

SETBACK IS BIGGER THAM THE GSP



Inter-Academy Integrated Projects Trimester 1.0 Week 6.0 Day 2.0

Name

Worksheet #2

Directions: Answer all of the questions below based on the plan diagram provided.

		Side 1			
Street		Side Yard 1 Setback			
	Front Yard Setback	Setback Buildable Area	Rear Yard Setback	Next Yard	
		Side Yard 2 Setback			
		Side 2			

250 feet deep x 120 feet wide Property size

40 feet Front Setback 50 feet Rear Setback

Side 1 Setback 15 feet Side 2 Setback 15 feet

1. What is the total square footage of the lot?

A=L*W -1250×120=30,000

2. After considering the setbacks what is the total buildable area?

$$250-(40+50)=160$$
 FOOTPRINT= $160\times90=14,400$
 $120-(30)=90$

3. The property owner wishes to build a fence along three edges of the property including the two sides and the back? How long is the fence?

4. If the Open Space Ratio (OSR) is 35 or 35% of the lot? What is the open space requirement?

5. Considering the setbacks and the OSR above which of the two is more restricitve and what is the maximum allowable footprint of the building?

A Project

City Polytechnic High School

Inter-Academy Integrated Projects Trimester 1.0 Week 6.0 Day 2.0

Name _____

Worksheet #3

Directions: Answer all of the questions below based on the plan diagram provided.

		Side 1		
		Side Yard 1 Setback		
Street	Front Yard Setback	Setback Buildable Area	Rear Yard Setback	
!		Side Yard 2 Setback		
		Side 2	. — . — . — -	

Property size 100 feet deep x 45 feet wide

Front Setback 10 feet
Rear Setback 15 feet
Side 1 Setback 5 feet
Side 2 Setback 5 feet

1. What is the total square footage of the lot? $A = L \times M - R \qquad 1000 \times 4S = 4,500$

2. After considering the setbacks what is the total buildable area? 100 - (10 + 5) - 100 - 25 = 75 45 - (16) - 35 $45 \times 35 = 2625$

3. The property owner wishes to build a fence along three edges of the property including the two sides and the back? How long is the fence?

100' + 100' + 45 = 245'

4. If the Open Space Ratio (OSR) is 50 or 50% of the lot? What is the open space requirement? $OSR \times UOTAREA$, $S \times 4,500 = 2250$

5. Considering the setbacks and the OSR above which of the two is more restricitve and what is the maximum allowable footprint of the building?

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Directions: Answer all of the questions below based on th am provided.

	r	Side 1			busea on the	plan diagram provided.
Street	Front	Side Yard 1 Setback		j		100 feet deep x 40 feet wide
Ji/eer	Yard Setback	Setbock Buildoble Area	Rear Yard Setback	Next Yard	Front Setback Rear Setback	15 feet 20 feet
	==-=	Side Yard 2 Setback Side 2			Side 1 Setback Side 2 Setback	10 feet

1. What is the total square footage of the lot?

2. After considering the setbacks what is the total buildable area?

3. The property owner wishes to build a fence along three edges of the property including the two sides and the back? How long is the fence? 100+100 + 40 = 240

4. If the Open Space Ratio (OSR) is 30 or 30% of the lot? What is the open space requirement?
$$3D \times 4,000 = 1200 \neq 050$$

5. Considering the setbacks and the OSR above which of the two is more restricitve and what is the maximum allowable footprint of the building?

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Q & A Worksheet

CP TRI.01 WK.06 DAY.03 Setback & OSR Worksheet.04.docx

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