Multiplication Problems — Worksheet 3A

Name: _____ **Date:** _____

Take a look at the timetable below with all the shows that are put on at the aquarium. Can you find all the possible combinations of shows a visitor could watch on their visit to the aquarium? When you have found all the combinations, find out how much each combination would cost to see.

Time	Shows		
12:30pm – 1:00pm	Shark feed	Penguin feed	
1:30pm – 2:00pm	Rock pool talk	Coral reef talk	Seal feed

Show 1 12:30pm – 1:00pm	Show 2 1:30pm – 2:00pm	Total cost

Show	Cost
Shark feed	£2.50
Penguin feed	£2.00
Rock pool talk	£1.50
Coral reef talk	£1.50
Seal feed	£2.50

1. Calvin has already seen the coral reef talk and the seal feed before. What are all the other combination of shows he could see?

2. Hannah really wants to see the coral reef talk as well as some other shows. What are the combinations of shows she could see?

3. Joshua would like to see some shows but he only has £3.50. Which combinations of shows could he see?

4. What is the most expensive combination of shows and how much does it cost in total?

Multiplication Problems — Worksheet 3B

Name: _____ **Date:** _____

Take a look at the timetable below with all the shows that are put on at the aquarium. Can you find all the possible combinations of shows a visitor could watch on their visit to the aquarium? When you have found all the combinations, find out how much each combination would cost to see.

Time	Shows		
12:30pm – 1:00pm	Shark feed	Penguin feed	Seal feed
1:30pm – 2:00pm	Rock pool talk	Coral reef talk	Piranha feed

Show 1	Show 2	Total Cost

Show	Cost
Shark feed	£2.50
Penguin feed	£1.30
Rock pool talk	£1.00
Coral reef talk	£1.60
Seal feed	£2.10
Piranha feed	£2.00

1. Calvin has already seen the coral reef talk and the seal feed before. What are all the other combination of shows he could see?

2. Hannah really wants to see the coral reef talk as well as some other shows. What are the combinations of shows she could see?

3. Joshua would like to see two shows but he only has £2.50. Which combinations of shows could he see?

4. What is the most expensive combination of shows and how much does it cost in total?

Multiplication Problems — Worksheet 3C

Name: _____ **Date:** _____

Take a look at the timetable below with all the shows that are put on at the aquarium. Can you find all the possible combinations of shows a visitor could watch on their visit to the aquarium? When you have found all the combinations, find out how much each combination would cost to see.

Time	Shows	
12:30pm – 1:00pm	Shark feed	Penguin feed
1:30pm – 2:00pm	Rock pool talk	Coral reef talk
2:30pm – 3:00pm	Seal feed	Piranha feed

Show 1	Show 2	Show 3	Total cost

Show	Cost
Shark feed	£2.50
Penguin feed	£1.30
Rock pool talk	£1.00
Coral reef talk	£1.60
Seal feed	£2.10
Piranha feed	£2.00

1. Calvin has already seen the coral reef talk and the seal feed before. What are all the other combination of shows he could see?
2. Hannah really wants to see the coral reef talk as well as two other shows. What are the combinations of shows she could see?
3. What is the most expensive combination of shows and how much does it cost?
4. Which shows would you like to see? How much would it cost you?

The director has asked you to plan the new 'Pool of Rock' rock pool exhibit in the aquarium. She has set out which types of creatures could go in each tank. The number on each tanks tells you how many types of creature can fit in that tank. For each tank you must:

- List all possible combinations of creatures that could go in each tank.
- Make a final decision on which creatures will go in that tank by choosing one of the combinations you found.

When you have decided which creatures are going in each tank, choose one to draw a design of what it should look like with the creatures in it. You should include: rocks, plants, small caves and pebbles.

Tank A – 2

Octopus (O)
Crab (C)
Starfish (SF)

Tank B – 2

Starfish (SF)
Sea urchin (SU)
Stingray (SR)
Crayfish (CF)

Tank C – 2

Snail (S)
Anemone (A)
Hermit crab (HC)
Stingray (SR)
Plaice (P)

The director has asked you to plan the new 'Pool of Rock' rock pool exhibit in the aquarium. She has set out which types of creatures could go in each tank. The number on each tanks tells you how many types of creature can fit in that tank. For each tank you must:

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Tank B – 2

Starfish (SF)
Sea urchin (SU)
Stingray (SR)
Crayfish (CF)

Tank C – 2

Snail (S)
Anemone (A)
Hermit crab (HC)
Stingray (SR)
Plaice (P)

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Octopus (O)
Crab (C)
Starfish (SF)
Anemone (A)

Tank B – 2

Hermit crab (HC)
Sea urchin (SU)
Stingray (SR)
Crayfish (CF)
Snail (S)

Tank C – 3

Snail (S)
Anemone (A)
Octopus (O)
Plaice (P)

The director has asked you to plan the new 'Pool of Rock' rock pool exhibit in the aquarium. She has set out which types of creatures could go in each tank. The number on each tanks tells you how many types of creature can fit in that tank. For each tank you must:

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Sea urchin (SU)
Stingray (SR)
Crayfish (CF)
Snail (S)

Tank C – 3

Snail (S)
Anemone (A)
Octopus (O)
Plaice (P)

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Sea urchin (SU)
Stingray (SR)
Crayfish (CF)
Snail (S)

Tank B – 2

Octopus (O)
Crab (C)
Starfish (SF)
Anemone (A)
Stingray (SR)
Plaice (P)

Tank C – 3

Starfish (SF)
Anemone (A)
Sea urchin (SU)
Plaice (P)
Octopus (O)

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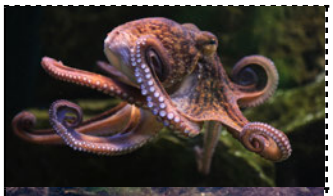
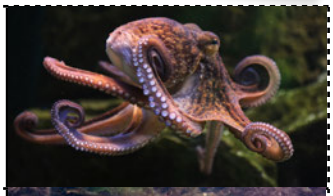
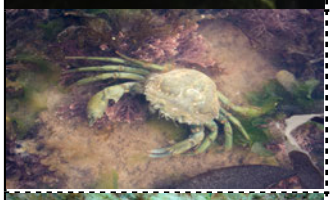
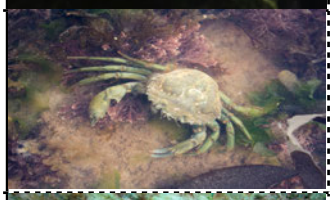
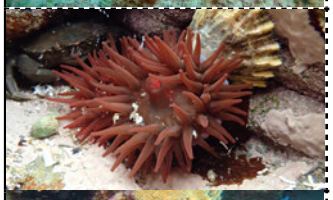
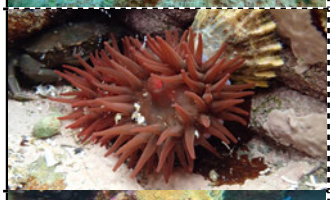
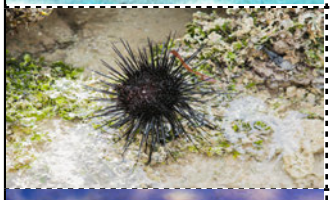
Hermit crab (HC)
Sea urchin (SU)
Stingray (SR)
Crayfish (CF)
Snail (S)

Tank B – 2

Octopus (O)
Crab (C)
Starfish (SF)
Anemone (A)
Stingray (SR)
Plaice (P)

Tank C – 3

Starfish (SF)
Anemone (A)
Sea urchin (SU)
Plaice (P)
Octopus (O)

Octopus (O)		Octopus (O)	
Crab (C)		Crab (C)	
Starfish (SF)		Starfish (SF)	
Anemone (A)		Anemone (A)	
Stingray (SR)		Stingray (SR)	
Sea urchin (SU)		Sea urchin (SU)	
Plaice (P)		Plaice (P)	
Snail (S)		Snail (S)	
Crayfish (CF)		Crayfish (CF)	
Hermit crab (HC)		Hermit crab (HC)