Maths

Fractions



Maths | Year 6 | Fractions | Compare and Order Fractions | Lesson 2 of 2: Pirate Treasure

Pirate Treasure



Aim

• I can compare and order fractions using common denominators or common numerators.

Success Criteria

- I can use bar models to compare and order fractions.
- I can use the < and > symbols to compare fractions.
- I can use a common numerator to compare and order fractions.
- I can use a common denominator to compare and order fractions.
- I can choose the best method to use to compare and order fractions.





Bar Model Fractions

Use the fractions bar models to complete the sentences.





One third is <u>bigger</u> than one quarter.





Bar Model Fractions

Use the fractions bar models to complete the sentences.



One sixth is <u>smaller</u> than one fifth.



Bar Model Fractions



Use the fractions bar models to complete the sentences.







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Bar Model Fractions



Comparing Using the Numerator

x2

x2

6

6

6

How can I compare these

What do you notice about the original numerators and the new numerators? Can you explain what has happened?

Focused education on life's wa

Comparing Using the Numerator



How can I compare these

What do you notice about the original numerators and the new numerators? Can you explain what has happened?

Focused education on life's walk



Captain Numerator needs to defend his ship from his arch-nemesis Captain Denominator.





























Ordering Using the Numerator

Three pirates are comparing how many gold coins they have in their hauls of treasure. Put the fractions that the pirates have in order from smallest to greatest, using common numerators.





Unlock the Pirate Treasure Chest



You have unearthed this locked treasure chest full of pirate booty. Solve the clues to discover the code to open the padlock.

- You can work in small groups.
- Work together to solve the puzzles.
- Write your answers down on the recording sheet.
- Once you have discovered the code to unlock the treasure chest, check it with your teacher.



Diving into Mastery

Dive in by completing your own activity!







11	
12	

less than $\frac{1}{4}$	Scrub the Decks	Crouch down and pretend to clean the floor with your hands.
greater than $\frac{1}{4}$ but less than $\frac{1}{2}$	Climb the Rigging	Pretend to climb a rope ladder.
greater than $\frac{1}{2}$ but less than $\frac{3}{4}$	Captain's Coming	Salute and shout 'Aye Aye Captain!'.
greater than $\frac{3}{4}$	Crow's Nest	Peer into the distance and shout 'Land ahoy!'.





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-	5

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