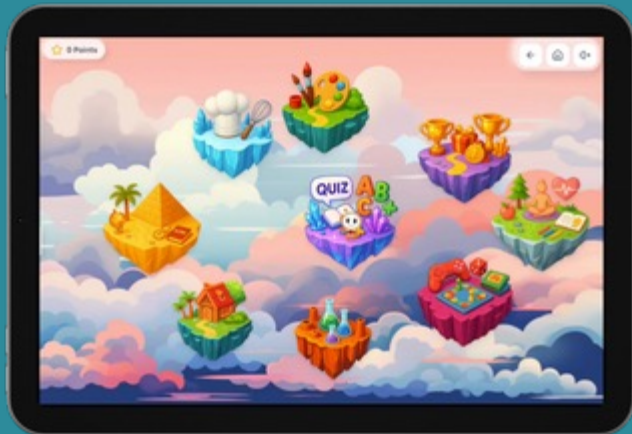


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Time Quarter-To - Year 2

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Quarter-To Time

The minute hand points to 9.

Look to the next hour.



45 minutes have passed.

15 minutes remain.

1:45 is quarter to 2.

Quarter-To Reference Cards



quarter to 1



quarter to 2



quarter to 3



quarter to 4



quarter to 5



quarter to 6



quarter to 7



quarter to 8



quarter to 9



quarter to 10



quarter to 11



quarter to 12

Quarter-To

Match and Record

1. Choose one card from each set.

2. Match the same time three ways.

3. Record your matches.

Name: _____

	Analogue	Digital	Words
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			

Analogue Clock Cards





1

12:45

2

1:45

3

2:45

4

3:45

5

4:45

6

5:45

7

6:45

8

7:45

9

8:45

10

9:45

11

10:45

12

11:45



Word Time Cards

1

quarter to 1

2

quarter to 2

3

quarter to 3

4

quarter to 4

5

quarter to 5

6

quarter to 6

7

quarter to 7

8

quarter to 8

9

quarter to 9

10

quarter to 10

11

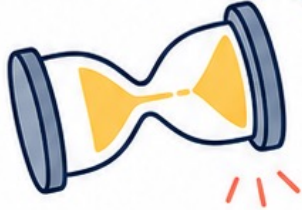
quarter to 11

12

quarter to 12



Race to the Next Hour



Roll, move and complete a task card. First to FINISH wins.



Race to the Next Hour Task Cards

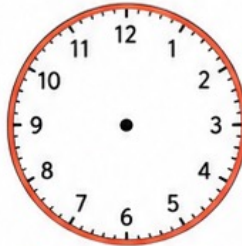
1

Read 1:45 in words.



2

Draw quarter to 5.



3

Match 7:45 to words.



4

Explain why the minute hand points to 9.



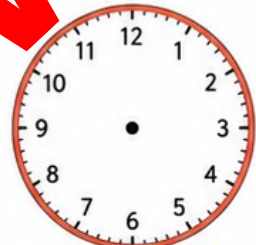
5

Read quarter to 10 as a digital time.



6

Draw quarter to 3.



7

Match 11:45 to words.



8

How many minutes remain at quarter to?



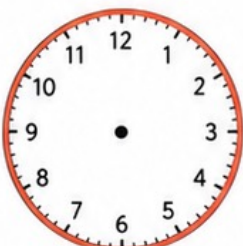
9

Read 6:45 in words.



10

Draw quarter to 8.



11

Which hour comes next after 4:45?



12

Explain what the short hand shows.



Race to the Next Hour

- Recording Sheet -



Quarter-to clue:
the minute hand
points to 9.
Look the next hour.

Name: _____

Turn	Card	My answer	Checked
1			☐
2			☐
3			☐
4			☐
5			☐
6			☐
7			☐
8			☐
9			☐
10			☐
11			☐
12			☐

Worksheet 1: Read Quarter-To Times - Support

Name: _____

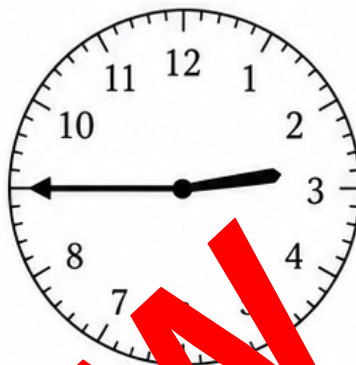
Write each time as a digital time.

Clue: The minute hand points to 9.
Look to the next hour.

1.



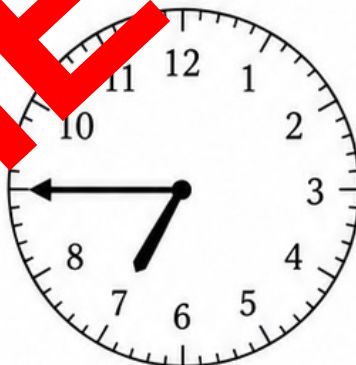
2.



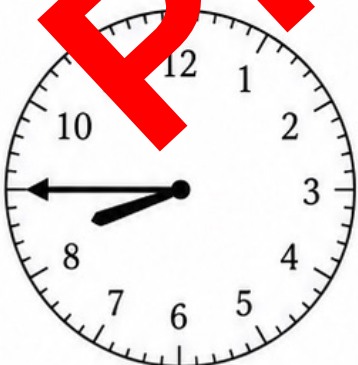
3.



4.



5.



6.



Worksheet 1: Read Quarter-To Times - Support

Name: **ANSWERS**

Write each time as a digital time.

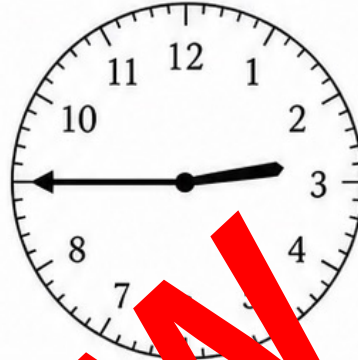
Clue: The minute hand points to 9.
Look to the next hour.

1.



12:45

2.



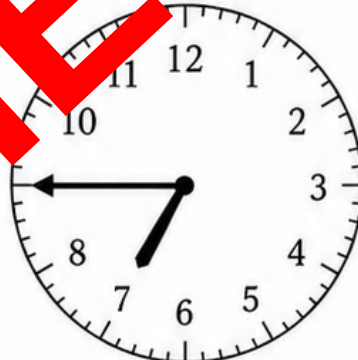
2:45

3.



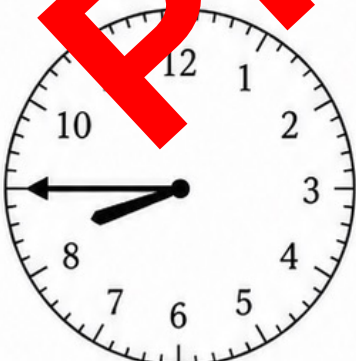
4:45

4.



6:45

5.



8:45

6.



10:45

Worksheet 1: Read Quarter-To Times - Core

Name: _____

Write each time as a digital time.

1.



2.



3.



4.



5.



6.



7.



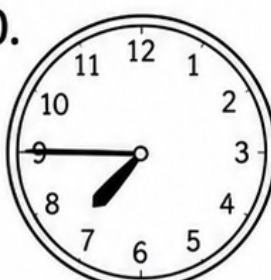
8.



9.



10.



Worksheet 1: Read Quarter-To Times - Core

Name: ANSWERS

Write each time as a digital time.

1.



1:45

2.



3:45

3.



5:45

4.



7:45

5.



9:45

6.



11:45

7.



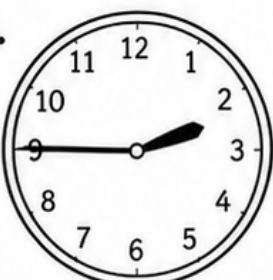
4:45

8.



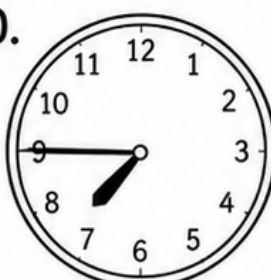
8:45

9.



2:45

10.



6:45

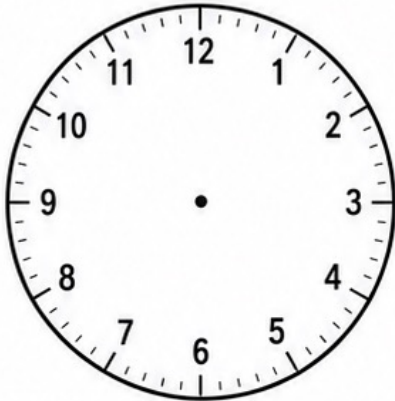
Worksheet 2: Draw Quarter-To Hands - Support

Name: _____

Draw the hands to show each time.

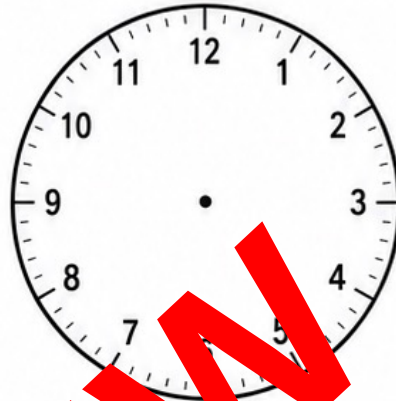
Clue: The long minute hand points to 9. The short hour hand is near the next hour.

1.



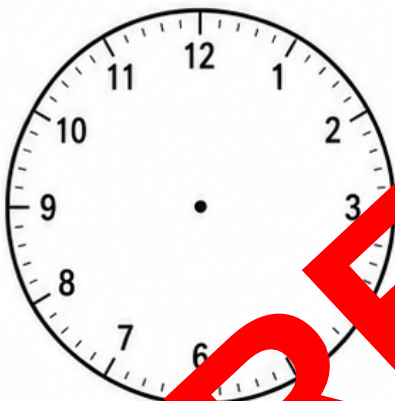
3:45

2.



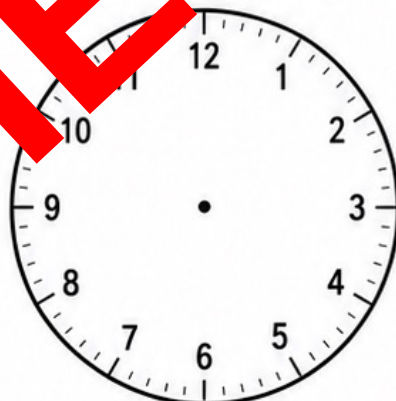
5:45

3.



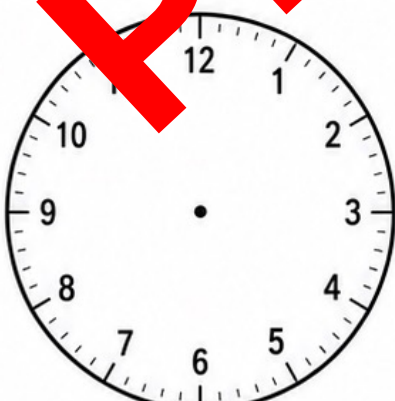
quarter to 8

4.



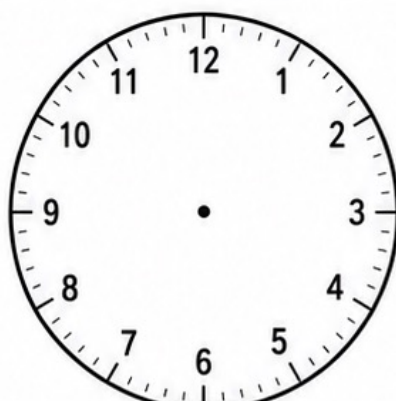
quarter to 11

5.



12:45

6.



quarter to 2

Worksheet 2: Draw Quarter-To Hands - Support

Name: _____ **ANSWERS**

Draw the hands to show each time.

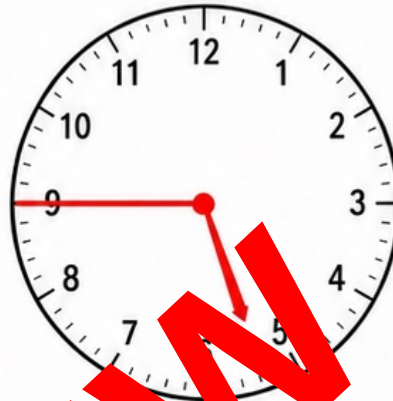
Clue: The long minute hand points to 9. The short hour hand is near the next hour.

1.



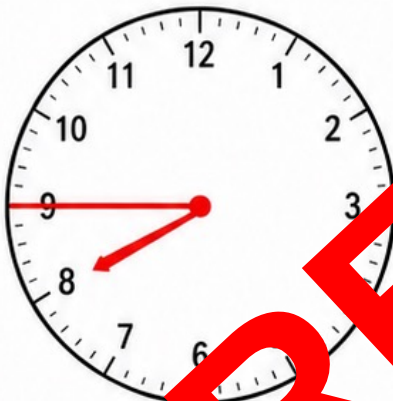
3:45

2.



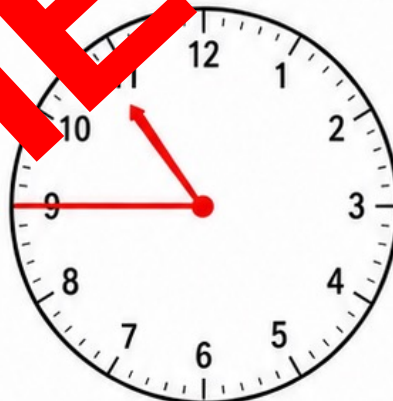
5:45

3.



quarter to 8

4.



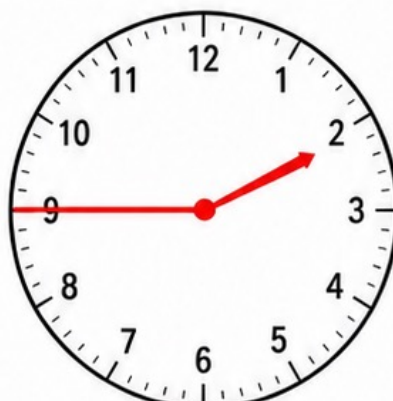
quarter to 11

5.



12:45

6.



quarter to 2

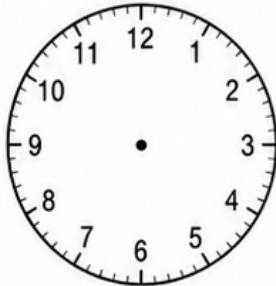
Worksheet 2: Draw Quarter-To Hands - Core

Name: _____

Draw the hands to show each time.

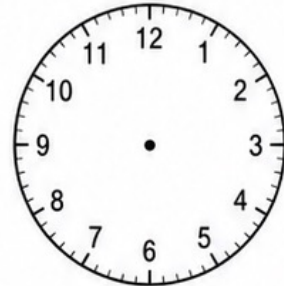
1.

1:45



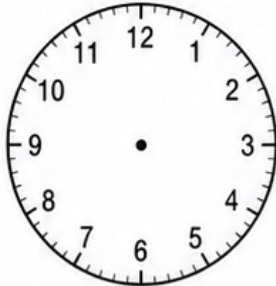
2.

quarter to 4



3.

6:45



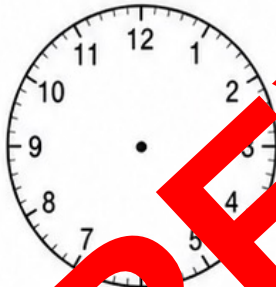
4.

quarter to 9



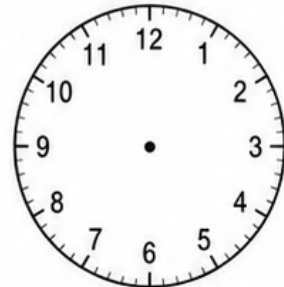
5.

10:45



6.

quarter to 12



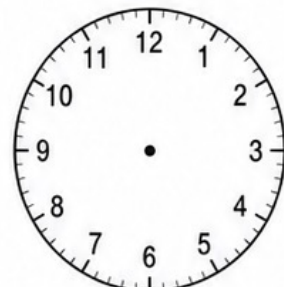
7.

2:45



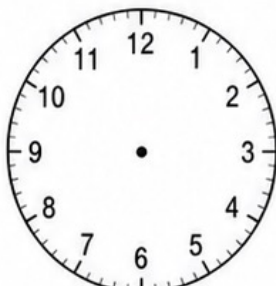
8.

quarter to 7



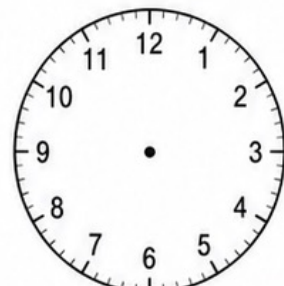
9.

8:45



10.

quarter to 5



Worksheet 2: Draw Quarter-To Hands - Core

Name: **ANSWERS**

Draw the hands to show each time.

1.

1:45



2.

quarter to 4



3.

6:45



4.

quarter to 8



5.

10:45



quarter to 12



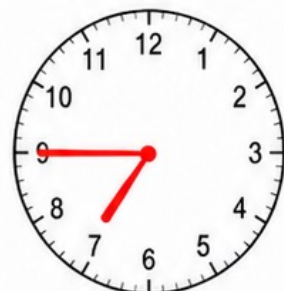
7.

2:45



8.

quarter to 7



9.

8:45



10.

quarter to 5



Worksheet 3: Match Three Ways - Core

Name: _____

Write each time in digital and word form.

1.



Digital

Words

2.



Digital

Words

3.



Digital

Words

4.



Digital

Words

5.



Digital

Words

6.



Digital

Words

Worksheet 3: Match Three Ways - Core

Name: **ANSWERS**

Write each time in digital and word form.

1.



Digital

1:45

Words

quarter to 2

2.



Digital

2:45

Words

quarter to 3

3.



Digital

4:45

Words

quarter to 5

4.



Digital

7:45

Words

quarter to 8

5.



Digital

9:45

Words

quarter to 10

6.



Digital

10:45

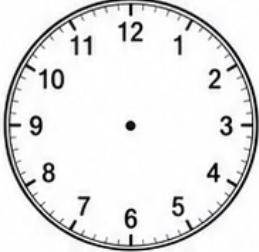
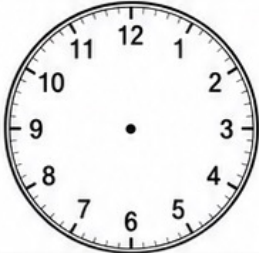
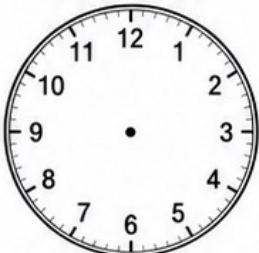
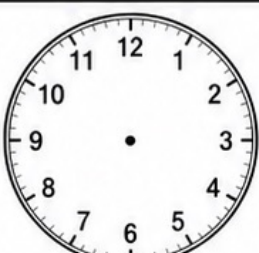
Words

quarter to 11

Worksheet 3: Match Three Ways - Challenge

Name: _____

Draw the clock hands to complete each matching set.

1.		2:45	quarter to 3
2.		4:45	quarter to 5
3.		6:45	quarter to 7
4.		8:45	quarter to 9
5.		10:45	quarter to 11
6.		12:45	quarter to 1

Worksheet 3: Match Three Ways - Challenge

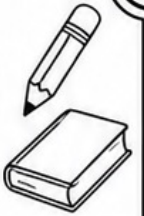
Name: **ANSWERS**

Draw the clock hands to complete each matching set.

1. 	2:45	quarter to 3
2. 	4:45	quarter to 5
3. 	6:45	quarter to 7
4. 	8:45	quarter to 9
5. 	10:45	quarter to 11
6. 	12:45	quarter to 1



Worksheet 4: Quarter-To in My Day - School Morning

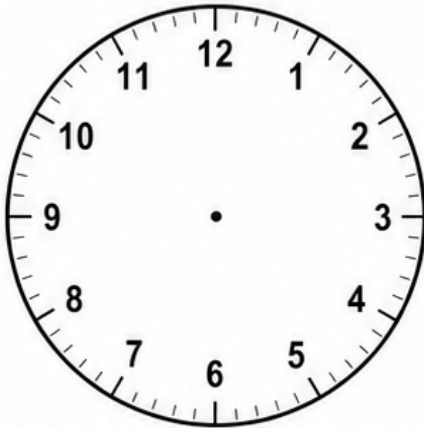


Name: _____

Draw the clock hands for each event.

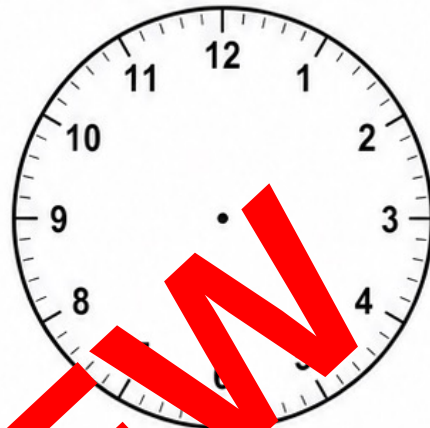
1

Wake up - 6:45



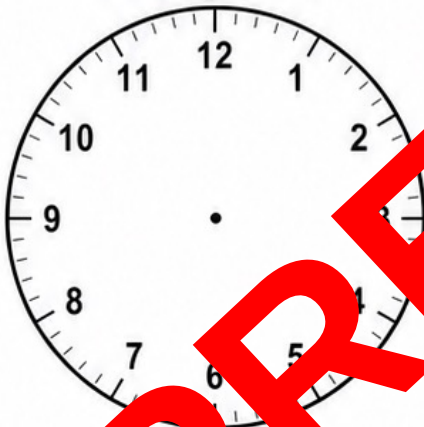
2

Leave home - 7:45



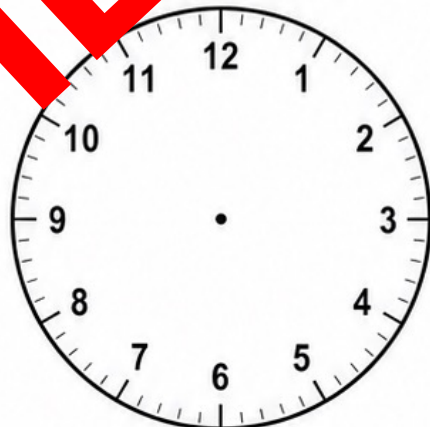
3

Class begins - 8:45



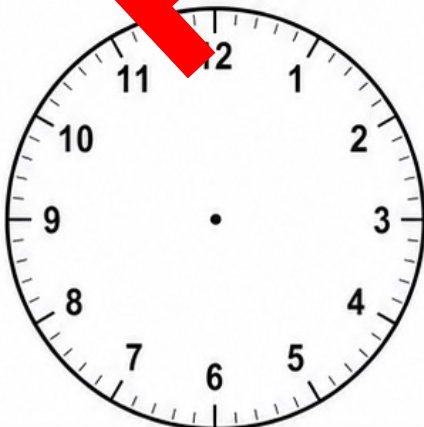
4

Fruit break - 10:45



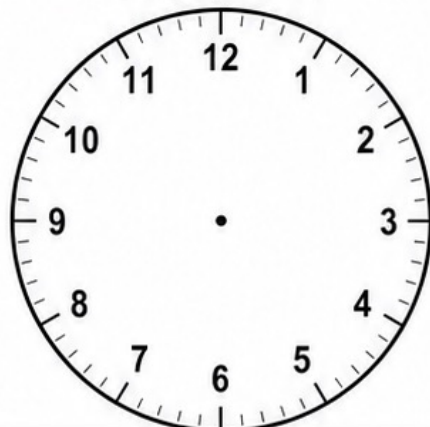
5

Lunch - 12:45



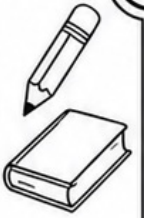
6

Pack up - 2:45





Worksheet 4: Quarter-To in My Day - School Morning

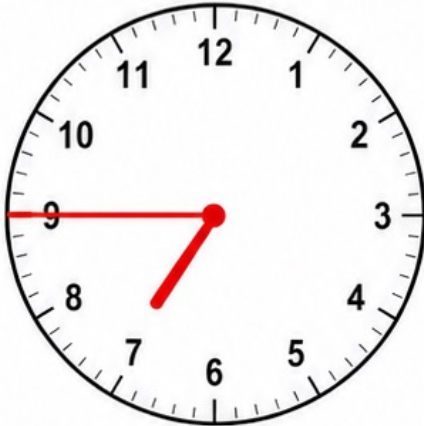


Name: **ANSWERS**

Draw the clock hands for each event.

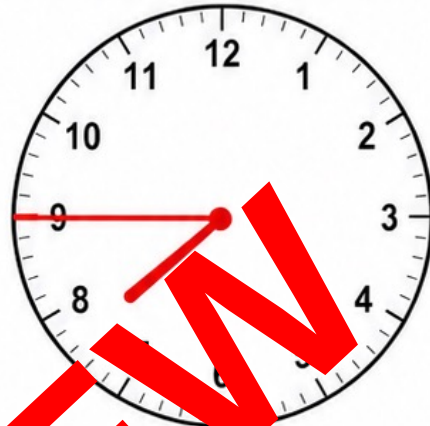
1

Wake up - 6:45



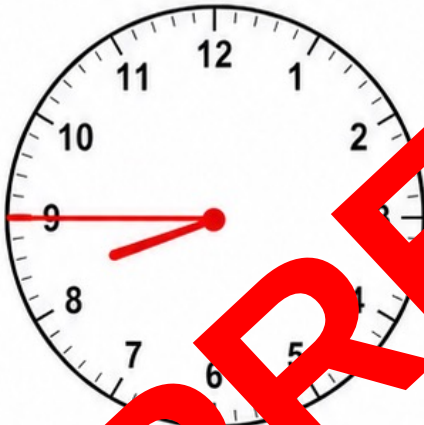
2

Leave home - 7:45



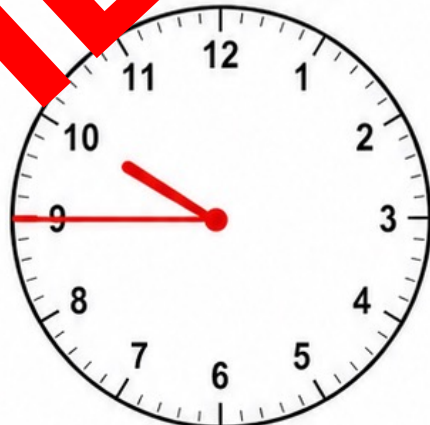
3

Class begins - 8:45



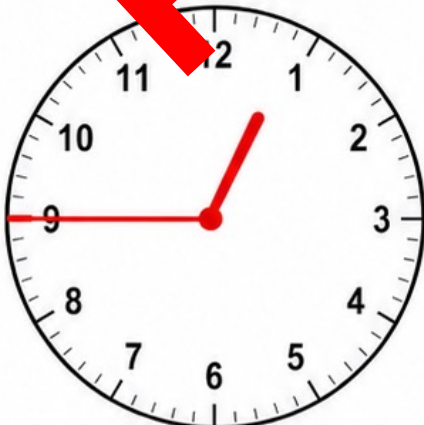
4

Fruit break - 10:45



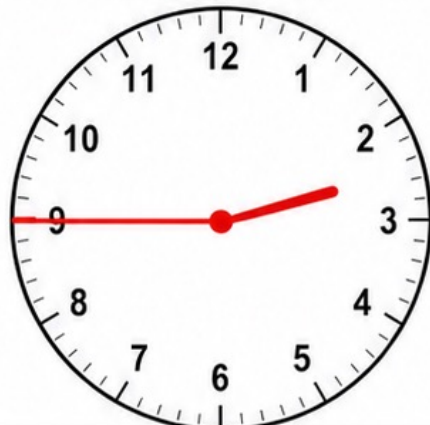
5

Arrive school - 12:45



6

Pack up - 2:45



Name: _____

Worksheet 4: Quarter-To in My Day - After School

Write each time in words.

1.



Homework - 3:45

Words

2.



Sport - 4:45

Words

3.



Help with dinner - 5:45

Words

4.



Eat dinner - 6:45

Words

5.



Read - 7:45

Words

6.



Bedtime - 8:45

Words

Name: **ANSWERS**

Worksheet 4: Quarter-To in My Day - After School

Write each time in words.

1.



Homework - 3:45

Words

quarter to 4

2.



Sport - 4:45

Words

quarter to 5

3.



Help with dinner - 5:45

Words

quarter to 6

4.



Eat dinner - 6:45

Words

quarter to 7

5.



Read - 7:45

Words

quarter to 8

6.



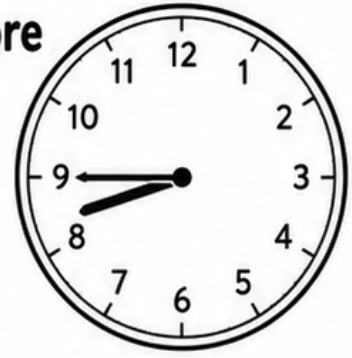
Bedtime - 8:45

Words

quarter to 9

Worksheet 5: Quarter-To Reasoning - Core

Name: _____



Use what you know about quarter-to time.

1. At quarter-to, the minute hand points to ____.

2. How many minutes have passed? ____ minutes

3. How many minutes remain? ____ minutes

4. 4:45 is quarter to ____.

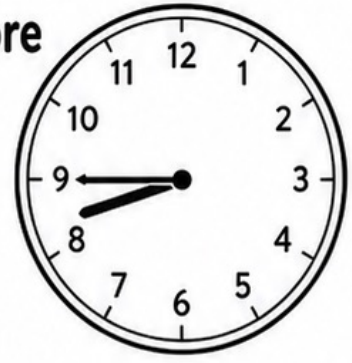
5. Quarter to 8 as a digital time is ____.

6. Is 6:45 closer to 6 o'clock or 7 o'clock? Explain.

Worksheet 5: Quarter-To Reasoning - Core

Name: _____

ANSWERS



Use what you know about quarter-to time.

1. At quarter-to, the minute hand points to ____.

9

2. How many minutes have passed? ____ minutes

45

3. How many minutes remain? ____ minutes

15

4. 4:45 is quarter to ____.

5

5. Quarter to 8 as a digital time is ____.

7:45

6. Is 6:45 closer to 6 o'clock or 7 o'clock? Explain.

7 o'clock. It is 15 minutes away.



Worksheet 5: Quarter-To Reasoning - Extension



Name: _____

Think carefully and explain your ideas.

1. Sam says 5:45 is quarter to 5. Is Sam correct? Explain.

2. Which time comes first: 8:45 or 9:45? Explain.

3. A lesson ends at quarter to 2. Write the digital time.

4. Create a quarter-to time after 10:00 and before 12:00.

Show it in digital and word form.

Digital

Words



Worksheet 5: Quarter-To Reasoning - Extension



Name: **ANSWERS** _____

Think carefully and explain your ideas.

1. Sam says 5:45 is quarter to 5. Is Sam correct? Explain.

No. 5:45 is quarter to 6.

2. Which time comes first: 8:45 or 9:45? Explain.

8:45 comes first. It is one hour earlier.

3. A lesson starts at quarter to 2. Write the digital time.

1:45

4. Create a quarter-to time after 10:00 and before 12:00.

Show it in digital and word form.

Digital

10:45

Words

quarter to 11

Assessment: School Fair Times - Part A

Name: _____

Date: _____

The Year 2 class is planning the school fair.

Event	Time
Gates open	8:45
Craft tent begins	9:45
Puppet show begins	10:45
Lunch begins	11:45

1. Write each timetable time in words.

Gates open: _____

Craft tent: _____

Puppet show: _____

Lunch: _____

2. Complete each next-hour fact.

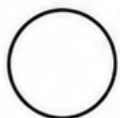
8:45 is quarter to ____.

9:45 is quarter ____.

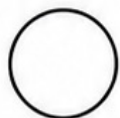
10:45 is quarter to ____.

11:45 is quarter to ____.

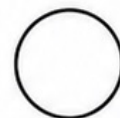
3. At 10:45, which hour is next?



10 o'clock



11 o'clock



12 o'clock

4. Complete the time facts for 10:45.

_____ minutes have passed.

_____ minutes remain until 11 o'clock.

Assessment: School Fair Times - Part A

Name: ANSWERS

Date: _____

The Year 2 class is planning the school fair.

Event	Time
Gates open	8:45
Craft tent begins	9:45
Puppet show begins	10:45
Lunch begins	11:45

1. Write each timetable time in words.

Gates open: quarter to 9

Craft tent: quarter to 10

Puppet show: quarter to 11

Lunch: quarter to 12

2. Complete each next-hour fact.

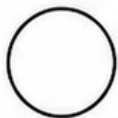
8:45 is quarter to 9.

9:45 is quarter to 10.

10:45 is quarter to 11.

11:45 is quarter to 12.

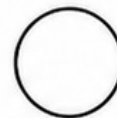
3. At 10:45, which hour is next?



10 o'clock



11 o'clock



12 o'clock

4. Complete the time facts for 10:45.

45 minutes have passed.

15 minutes remain until 11 o'clock.

Assessment: School Fair Times - Part B

Name: _____

Date: _____

Use quarter-to time to solve the school fair challenges.

1. Match each digital time to its word form.

1:45

quarter to 7

2:45

quarter to 3

4:45

quarter to 5

6:45

quarter to 2

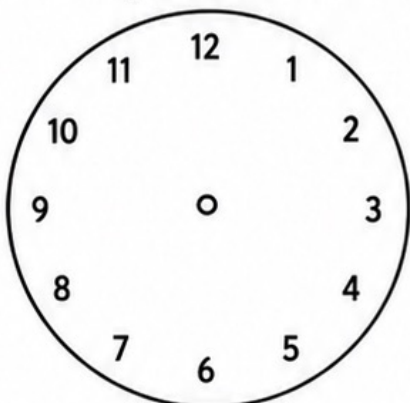
2. The snack stall closes at 2:45. Which hour is it nearly?

3. Complete the pattern.

3:45, 4:45, ____, ____.

4. Mia says 7:45 is quarter to 8. Mia correct? Explain.

5. Create a quarter-to time for the music stage.



Digital: _____

Words: _____

Assessment: School Fair Times - Part B

Name: ANSWERS

Date: _____

Use quarter-to time to solve the school fair challenges.

1. Match each digital time to its word form.

1 1:45

4 quarter to 7

2 2:45

2 quarter to 3

3 4:45

3 quarter to 5

4 6:45

1 quarter to 2

2. The snack stall closes at 2:45. Which hour is it nearly?

3 o'clock

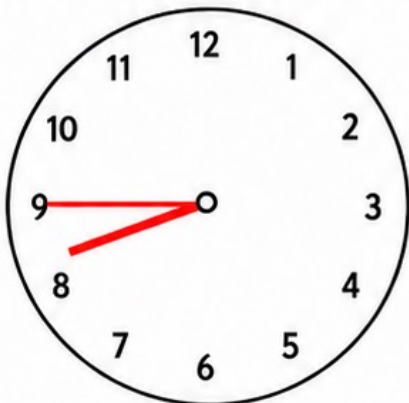
3. Complete the pattern.

3:45, 4:45, 5:45, 6:45.

4. Mia says 7:45 is quarter to 8. Mia correct? Explain.

No. 7:45 is quarter to 8 because 8 is the next hour.

5. Create a quarter-to time for the music stage.



Digital: 8:45

Words: quarter to 9

Time Quarter-To - Year 2 Rubric

Student: _____ Date: _____ Teacher: _____

Criteria	BEGINNING	DEVELOPING	ACHIEVING	CONFIDENT	EXCEEDING
1. Identifies the minute hand at 9	Needs substantial support to find the minute hand at 9.	With support, identifies the minute hand at 9.	Usually identifies the minute hand at 9 with minimal support.	Consistently identifies the minute hand at 9 independently.	Consistently and accurately identifies the minute hand at 9 and can explain it.
2. Reads analogue quarter-to times	Needs substantial support to read quarter-to times.	With support, reads quarter-to times on analogue clocks.	Reads quarter-to times on most clocks with minimal support.	Accurately reads quarter-to times on all appropriate clocks independently.	Consistently reads quarter-to times quickly and can explain the time.
3. Writes digital and word forms	Needs substantial support to write digital and word forms.	With support, writes digital and word forms with minimal errors.	Writes digital and word forms mostly correctly with minimal support.	Consistently writes digital and word forms correctly independently.	Consistently writes accurate digital and word forms and can explain their meaning.
4. Positions both clock hands	Needs substantial support to position both hands correctly.	With support, positions both hands correctly on some clocks.	Positions both clock hands correctly on most clocks with minimal support.	Accurately positions both hands on all appropriate clocks independently.	Consistently positions both hands accurately and can explain hand placement.
5. Explains next-hour reasoning	Needs substantial support to explain what comes next.	With support, explains what comes next at quarter-to times.	Explains what comes next on most clocks with minimal support.	Accurately explains what comes next consistently independently.	Consistently explains next-hour reasoning clearly and uses it to solve problems.

Teacher comments:

Time Quarter 1 to Year 2

PREVIEW



Learning Goal

We are learning to read, say and write quarter-to times.

Success: the minute hand is at 9, the next hour is named, and the digital time ends in :45.



An Hour Has 60 Minutes

A full turn of the minute hand is 60 minutes.

We count around the clock face in steps of 5 minutes.



Split an Hour into Quarters

A quarter of 60 minutes is 15 minutes.

Four quarters make one whole hour.



Minute Hand at 9

At quarter-to the long minute hand points to 9.

But to 45 minutes have passed.



45 Past, 15 to Go

45 minutes have passed.

15 minutes remain until the next hour.

$$45 + 15 = 60.$$



Look to the Next Hour

The short hour hand sits just before the next hour.

Now, that's the hour when you say the time.



Worked Example: 1:45

The minute hand is at 9.

The hour hand is nearly at 2.

So 1:45 is quarter to 2.



Worked Example: 6:45

45 minutes have passed since 6 o'clock.

15 minutes remain until 7 o'clock.

6:45 is quarter to 7.



Three Ways to Show the time

Analogue: the hands show 3 o'clock.

Digital: 3:05.

Words: quarter to 4.



Fix the Misconception

Mia says 3:15 is quarter to

Is she correct?

No. The next hour is 6, so it is quarter to 6.



Your Turn I

The digital time is 8.5.

What time is it in words?



Check I

Quarter 9.

The route is at 9 and the next hour is 9.



Your Turn 2

The minute hand is at 9 and the hour hand is nearly at 11.

What is the digital time?



Check 2

PREVIEW

1:45

is quarter to 11.



Your Turn 3

A lesson ends at quarter to 3.

Write the digit and tell how many minutes remain.



Lesson Recap

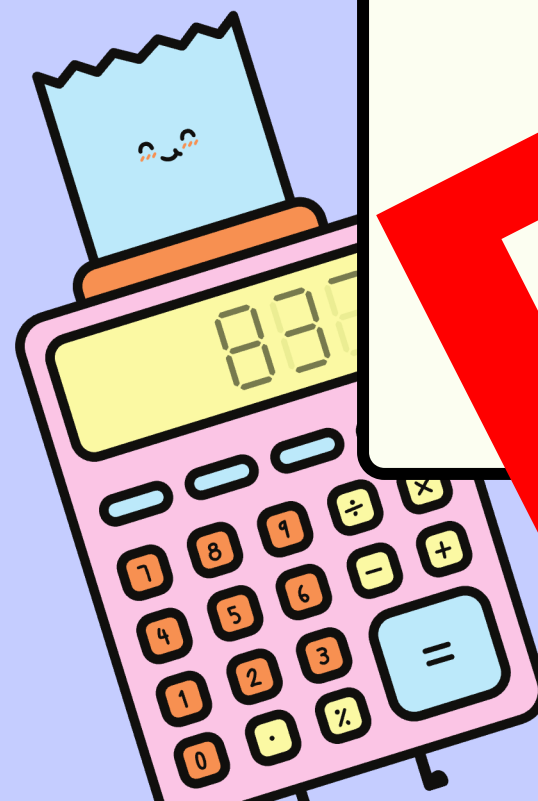
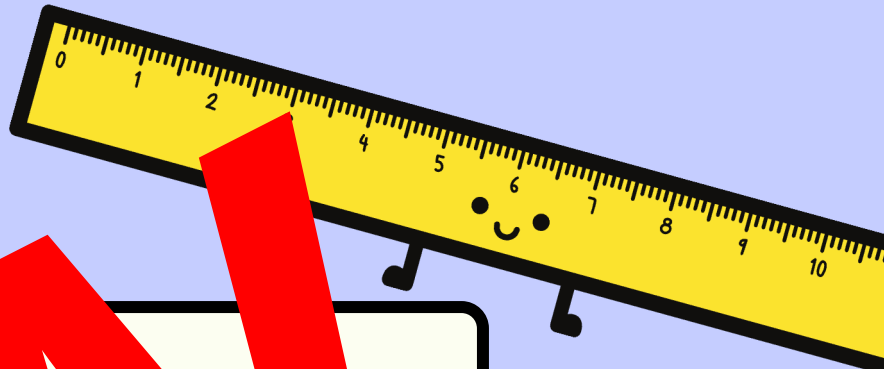
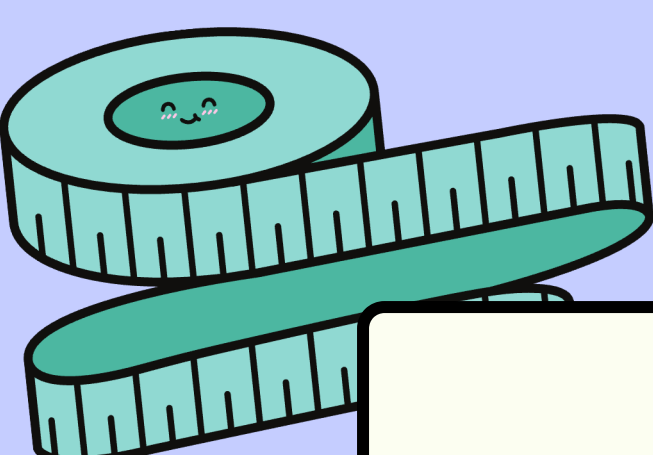
At quarter-to
- the minute hand points to
45 minutes have passed
15 minutes remain
- we name the next hour





Well Done!

PREVIEW



PREVIEW

**Time Quarter 1 to
Quiz - Year 2**

Question 1

At quarter-to where does the minute hand point?

A. 3 B. 6 C. 9 D. 12



Answer 1

PREVIEW

9

The minute hand points to 9.



Question 2

How many minutes have passed at quarter-to?

A. 15 B. 30 C. 45 D. 60



Answer 2

45 minutes have passed.

PREVIEW



Question 3

How many minutes remain until the next hour at quarter-to?

PREVIEW



Answer 3

15 minutes remain.

PREVIEW



Question 4

Write 4:45 in words.

PREVIEW



Answer 4

Quarter 5.

PREVIEW



Question 5

Write a quarter to 6:00 in digital time.

PREVIEW



Answer 5

PREVIEW

7:4



Question 6

True or false: 6:40 is quarter to 6.

PREVIEW



Answer 6

6:45 is rounded to 7 because 7 is the next hour.



Question 7

Which hour is it at 9:45?

PREVIEW



Answer 7

PREVIEW

10 o c c .



Question 8

Which comes first: 3:45 or 3:45?

Explain.



Answer 8

2:45 comes first.

It's one hour earlier.



Question 9

The minute hand points to 9 and the hour hand is nearly at 12.

Write the digital and word time.



Answer 9

PREVIEW

1:45

Quarter to 12.



Question 10

Create a quarter to time after 10:00 and before 12:00.

Write it in digital and word form.



Answer 10

One correct example is 1:45, quarter to 11.



